

WOODWARD'S
SYNOPTICAL TABLE
OF
BRITISH
ORGANIC REMAINS,

SMALL PAPER.—PRICE FIVE SHILLINGS.

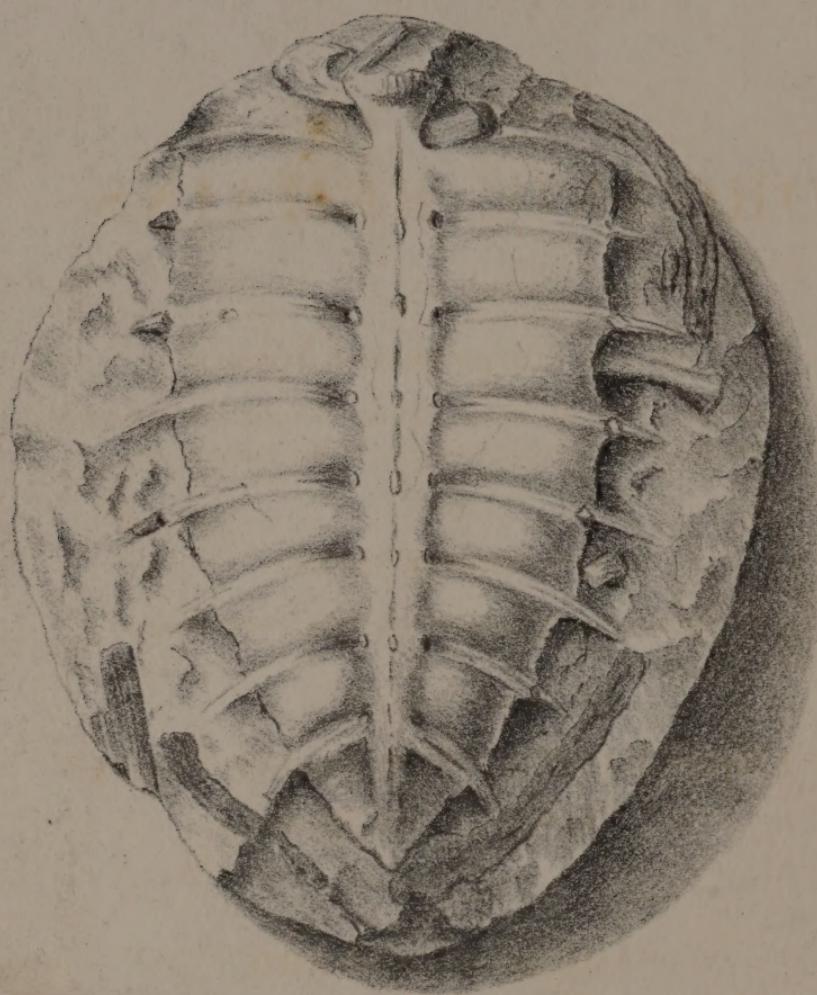
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ORGANIC CHEMISTRY

ORGANIC
REMANENCE

**BRITISH
ORGANIC REMAINS.**

НІТІЯ
СІЛАМІЯ ВІДВІДО



Chelonia Harvicansis.
In the Norwich Museum.

55550

A

SYNOPTICAL TABLE OF BRITISH ORGANIC REMAINS:

IN WHICH,

ALL THE EDITED BRITISH FOSSILS

ARE SYSTEMATICALLY AND STRATAGRAPHICALLY ARRANGED, IN ACCORDANCE
WITH THE VIEWS OF THE GEOLOGISTS OF THE PRESENT DAY;

AND

A REFERENCE GIVEN

TO THEIR LOCALITIES, STRATA, AND ENGRAVED FIGURES.

ACCOMPANIED BY

A LITHOGRAPH OF THE FOSSIL TURTLE

IN THE NORFOLK AND NORWICH MUSEUM.

BY

SAMUEL WOODWARD,

HONORARY MEMBER OF THE YORKSHIRE PHILOSOPHICAL SOCIETY.

LONDON:

LONGMAN, REES, ORME, BROWN, AND GREEN;

AND

JOHN STACY, NORWICH.

MDCCCXXX.

SYNOPTICAL TABLE
OF
THE
DISEASES
OF
MAN

BY
JOHN BURGESS, M.D.

PROFESSOR OF MEDICAL PHYSICS, IN THE UNIVERSITY OF LIVERPOOL,
AND PHYSICIAN TO THE HOSPITAL FOR THE RELIEF OF THE POOR, LIVERPOOL.

WITH A HISTORY OF THE DISEASES OF THE SKIN.

IN FIVE VOLUMES. VOL. I.

WITH A HISTORY OF THE DISEASES OF THE SKIN.

IN FIVE VOLUMES. VOL. II.

WITH A HISTORY OF THE DISEASES OF THE SKIN.

IN FIVE VOLUMES. VOL. III.

WITH A HISTORY OF THE DISEASES OF THE SKIN.

IN FIVE VOLUMES. VOL. IV.

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IN FIVE VOLUMES. VOL. VII.

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P R E F A C E.

IN submitting this Work to the public, the author hopes he is rendering a service to the science of Geology, by presenting its admirers with a Systematic and Stratigraphic View of all the edited British Fossils. As since the time of Lhwyd and Woodward, no attempt of the kind (that he is aware of) has been made, such a Work as this must therefore be a desideratum. The former published, in 1699, his "*Lythophylacii Britanici Ichnographia*," (a second edition of which was published by Huddesford, in 1760), containing a description, in Latin, of 1,766 Fossils in the Ashmolean Museum, Oxford, accompanied by engraved Figures. The latter formed a Catalogue of Fossils in his own collection, which was published after his decease, in 1729, entitled, "*An Attempt towards a Natural History of the Fossils of England*." These works are now very scarce, and, excepting the figures in Lhwyd, are nearly useless.

In constructing the present Synopsis, the author has carefully collated all the lists of Fossils published in recent Geological Works, and has omitted nothing in his power to render it complete; he is, however, aware that it is still necessarily imperfect, and must remain so, until the whole surface and substrata of the kingdom be scientifically investigated. The Papers of Drs. Buckland and Fitton, Messrs. Conybeare, De la Beche, Lyell, Murchison, Sedgwick, Webster, and other Geologists, published in the Transactions of the Geological Society and Annals of Philosophy, and the Works of Mr. Mantell on Sussex, and Mr. John Phillips on the Yorkshire Coast, together with the Messrs. Sowerby's splendid Work on Mineral Conchology, have contributed largely towards making known the Fossils imbedded in our Strata; such examples, it is hoped, will be followed, until a perfect Catalogue of British Organic Remains is obtained.

On looking over this Synopsis, a more than common deficiency will be observed in some of its branches: little attention has been paid to the Fossils of the Classes *Polypi*, *Radiaria*, *Crustacea*, and *Fishes*; and although many hundred species have been long known, no names have been assigned to them. The same would have been the case with the Plants, but for the recent researches of M. Adolphe Brongniart in this Country, by which a new light has been thrown on our Fossil Flora. The author trusts, that by these defects being made public, an interest will be excited to supply them. Mr. Hennah's Paper on the Animal Remains of the Plymouth Limestone, lately read before the Geological Society, will add much to our knowledge of the Fossils of the Class *Polypi*, which abound in that formation; and it is confidently hoped that Mr. Miller, of Bristol, has not abandoned the work on the *Spongia*, &c. of the Green Sand of Wiltshire, of which he some years ago published a Prospectus. It may also be interesting to the Oryctologist to be informed, that Dr. Fleming has a good series of the Corals of the Suffolk Crag, (all of which are unnamed), for the purpose of assigning names, which we hope soon to be favoured with. In the *Echinidae*, according to a statement made by Mr. R. C. Taylor,* there are more than one hundred species at present known, without names; this defect, we are led to hope, the author of the "*Natural History of the Crinoidea*" will supply. Of the *Crustacea*, several unnamed species of different Families occur in the Chalk Marl of Ringmer, Sussex, which are figured in tab. 29 of Mr. Mantell's valuable Work "*On the Fossils of the South Downs*;" and Parkinson, in his "*Outlines of Oryctology*," says, that "more than thirty species have been collected in the Isle of Sheppey;" whereas, only three from that locality have been named.

In the general arrangement, the author has adopted the ascending series, as that used by the Geologists of the present day: he has followed M. Brongniart in the Plants, the Chevalier de la Marck in that part of the Invertebrata, in the knowledge of which he stands pre-eminent, and Dr. Fleming in the other branches. The stratigraphic sequence observed is conformable to recent discoveries.

There are many Organic Remains which could not be introduced in a scientific arrangement; these, together with some explanations,

* Vide "*Illustrations of Antediluvian Zoology and Botany*,"—"*Magazine of Natural History*," VOL. III. p. 278.

which were conceived necessary, are given in the form of Notes, at the end of the Table. The author would gladly have extended these Notes, for the purpose of pointing out the various names under which certain Fossils pass, and the changes which have taken place in the nomenclature of others; but he found them too numerous, and the subject at present too indetermined, to attempt it: he therefore abandoned the idea, and has noticed those only, the passing over of which in silence might have been deemed a defect.

As this Work was undertaken solely with the intent of promoting Science, it is hoped that its imperfections will be viewed with candour; and the author trusts, by his future attention to the subject, and the assistance of his friends, to be enabled to correct in a second edition, (should it be called for), whatever inaccuracies may have escaped his notice in the present.

In conclusion, the author begs leave to return his thanks to those gentlemen who have kindly promoted his views in this Work; particularly to RODERICK IMPEY MURCHISON, Esq. Secretary of the Geological Society, for valuable information and suggestions, and to express his regret that the M. S. did not come under his notice at an earlier period, (the Plan and Prospectus being then before the public) in order that he might have availed himself of them to the fullest extent. To the author of "*Icones Fossilium Sectiles*" he is obliged, for communicating the unpublished Figures of British Fossils, lithographed for the Second and Third Centuries of that Work, and is sorry that so useful and scientific a publication should, from unforeseen causes, be at a stand. To the Rev. G. R. LEATHES, of Shrop-
ham Hall, Norfolk, he is under obligations, for the Localities of numerous Fossils of the Suffolk Crag; and to GIDEON MANTELL, Esq. of Lewes, Sussex, for information respecting the Fossils of that county.

Norwich, July 1st, 1830.

GENERAL ARRANGEMENT OF ORGANIC REMAINS.

PLANTS.

INVERTEBRAL ANIMALS.

DIVISION.	CLASS.	FAMILY.	Page
PLANTS.			
	AGAMIA	Confervæ	1
		Algæ	ib.
	CRYPTOGAMIA	Equisetaceæ	ib.
	VASCULAIRE	Filices	ib.
		Marsileaceæ	2
	PHANEROGAMIA	Characeæ	ib.
	GYMNOSPERMA	Lycopodiaceæ	3
	PHANEROGAMIA	Cycadeæ	ib.
	MONOCOTYLEDONES	Coniferæ	ib.
	PHANEROGAMIA	Palmae	4
	DYCOTYLEDONES	Lilia	ib.
		Cannæ	ib.
		Aceræ	ib.
	POLYPI	Flustradæ	4
		Escharadæ	ib.
		Tubiporadæ	5
		Milleporadæ	ib.
		Spongiadæ	ib.
		Corallinadæ	ib.
		Lamelliferæ	ib.
		Blastoidæ	6
	RADIARIA	Crinoidæ	ib.
		Asteriadæ	ib.
		Echinidæ	7
	CRUSTACEA	Decapoda Brachyuri	ib.
		Decapoda Macroura	8
		Branchiopoda	ib.
		Trilobitæ	ib.
	ANNULATA	Maldania	ib.
		Serpulea	ib.
	CIRRIPEDA	Sessile Cirripeda	9
		Pedunculate Cirripeda	ib.
	CONCHIFERA	Tubicolaria	ib.
		Pholadaria	ib.
		Solenacea	ib.
		Myaria	10
		Mactracea	ib.
		Corbulea	ib.
		Lithophaga	11
		Nymphacea Solenaria	ib.
		Nymphacea Tellinaria	ib.

DIVISION.

CLASS.

FAMILY.

	Page
Conchæ Fluviatilis	12
Conchæ Marinæ	ib.
Cardiacea	13
Aracea	ib.
Trigoniana	15
Naiada	ib.
Chamaeæa	ib.
Mytilacea	16
Mallacea	17
Pectenida	ib.
Ostracea	19
Rudista	20
Brachiopoda	ib.
Phyllidiana	23
Calyptraciana	ib.
Bullæana	ib.
Colimacea	24
Lymnaeana	ib.
Melaniana	ib.
Peristomiana	25
Neritacea	ib.
Macrostomiana	ib.
Plicacea	26
Scalariana	ib.
Turbinacea	ib.
Canalifera	28
Alata	30
Purpurifera	ib.
Columellaria	31
Convoluta	ib.
Orthocerata	ib.
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CONCHIFERA
(continued.)MOLLUSCA
GASTEROPODAMOLLUSCA
TRACHELIPODAMOLLUSCA
CEPHALOPODA

PISCES

REPTILIA

AVES

MAMMALIA

	Page
Acanthopterygii	37
Malacopterygii	ib.
Chondropterygii	38
Sauria	ib.
Chelonia	ib.
Cetacea	ib.
Solipeda	39
Ruminantia	ib.
Pachydermata	ib.
Rodentia	ib.
Carnivora	ib.

INVERTEBRAL
ANIMALS.

(Continued.)

VERTEBRAL
ANIMALS.

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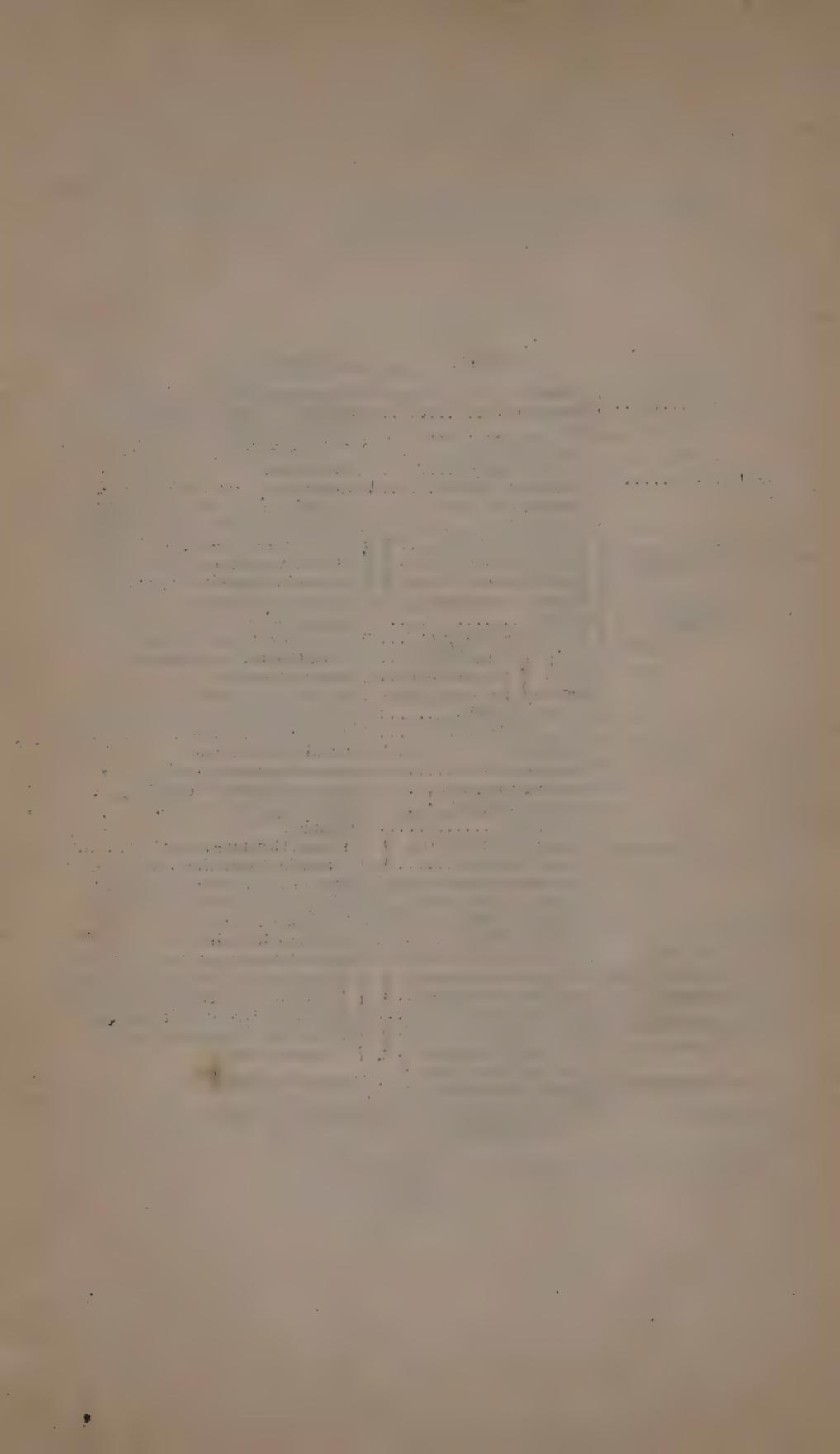
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ARRANGEMENT OF THE STRATA CONTAINING
ORGANIC REMAINS.

FORMATIONS.	STRATA.	CHARACTERISTIC FOSSILS.
MODERN	{ Alluvium Diluvium Crag Upper Marine Bagshot Sand	Extinct sp. of Stag, Fluvatile Shells. Remains of extinct Mammalia. { Marine exuviae, some of which agree with recent species. Nummulites.
TERTIARY	{ Freshwater Beds London Clay and Plastic Clay Chalk with Flints Chalk without Flints Chalk Marl	Fluvatile and Terrestrial Shells. { Reptilia, Fish, Shells numerous, Seed-vessels, Dicotyledonous Plants, &c. Many extinct Genera of Testacea, Univalves scarce. First appear- ance of Belemnites & Ammonites.
CHALK SERIES.	{ Upper Green Sand Gault Lower Green Sand Local { Weald Clay . . . Estuary { Tilgate Beds . . . formation. { Purbeck Limes	Pecten orbicularis & quinquecostatus Belemnites Listeri, Inoceramus concentricus. Trigonia, Pecten quadricostata, &c. Cypris, Cyclas, and Paludinæ. Plants and Sauria. Fish and Testudines.
SECONDARY	{ Portland Oolite Kimmeridge Clay Coral Rag Calcareous Grit Oxford Clay and Kelloway's Rock Cornbrash Stonesfield Slate and Forest Marble Up. Sandst. Shale & Coal Great or Bath Oolite L. Sandst. Shale & Coal Inferior Oolite Lias and Alum Shale Magnesian Limestone and Inf. Sandstone Coal and Coal Grits Mountain or Carboni- ferous Limestone Old Red Sandstone and Conglomerate Transition Limestone and Sandstone	Cycadeoidea & Ammonites triplica- Ostrea deltoidea, Sauria, &c. [tus. { Corals, Echini, and Ammonites vertebralis. Gryphæa dilatata, Megalosaurus. Ammonites Callovicensis. Echinidæ. { Plants, Crustacea, Insects, Fishes, Sauria, Testudines, &c. Plants of the Family Filices, &c. Madrepores and Testacea. Cryptogamous Plants. Testaceous Remains. Dapedium Politum, Sauria, Pentacrinites, &c. { Palæothrissum, and certain Fishes peculiar to rocks of this age. Arborescent Grasses, Ferns, &c. { Crinoidea, Producta, Spirifer, Euomphalus, &c. Organic Remains rare Trilobites, Orthocera, &c.
NEW RED SAND- STONE.		
CARBONIFEROUS SERIES.		
OLD RED SANDST.		
TRANSITION		



A SYNOPTICAL TABLE
OF
BRITISH ORGANIC REMAINS.

PLANTS.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
AGAMIA			
<i>Confervæ</i>			
Confervites fasciculata	Brong. H. t. 1, f. 1	Chalk Marl	Hamsey; Lewes.
<i>Algæ</i>			
Fucoides furcatus β	Brong. H. t. 5, f. 1	Stonesfield Slate	Stonesfield, Oxon.
Targioniæ	.. t. 4, f. 2	Up. Green Sand	Bignor, Sussex.
Brongniarti	Geol. Suss. t. 9, f. 1	Chalk	Lewes.
CRYPTOGAMIA			
VASCULAIRE			
<i>Equisetaceæ</i>			
Equisetum dubium	Brong. H. t. 12, f. 17	Coal	Wigan.
columnare	Geol. T. 2 ser. ii. t. 32	L. Coal of Oolite	High Whitby; Brora
laterale	Phillips, t. 10, f. 13	..	Saltwick, Yorks.
Calamites decoratus	Brong. H. t. 14, f. 1	Coal	Wigan.
Suckowii	.. f. 6	..	Ibid.
undulatus	.. t. 17, f. 1	..	Ibid.
ramosus	.. f. 5	..	Ibid.
dubius	.. t. 18, f. 1	..	Ibid.
cannæformis	.. t. 21	..	Ibid.
nodosus	.. t. 23, f. 2	..	Newcastle.
Steinhaueri	.. t. 18, f. 4	..	Wigan.
<i>Filices</i>			
Pachypterus lanceolata	Brong. Prod. pp. 50 & 198	L. Coal of Oolite	Whitby.
Sphenopteris furcata	.. pp. 50 & 168	Coal	Newcastle.
stricta	Sternb. t. 36, f. 2	..	Glasgow.
artemisiæfolia	.. t. 54, f. 1	..	Newcastle.
trifoliolata	Artis. t. 2	..	Yorkshire.
Hæninghausii	Brong. Prod. pp. 51 & 168	..	Newcastle.
gracilis	.. ..	..	Ibid.
Loshii	.. ..	..	Ibid.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Sphenopteris</i> <i>stipati</i>	Phillips, t. 10, f. 8	L. Coal of Oolite	Egton M.; Saltwick, &c.
<i>muscooides</i>	.. f. 10	..	Saltwick.
<i>lanceolata</i>	.. f. 6	..	Ibid.
<i>undulata</i>	.. p. 153	..	Ibid.
<i>crenulata</i>	Brong. Prod. pp. 50 & 198	..	Whitby.
<i>denticulata</i>	.. ..	..	Ibid.
<i>Williamsonis</i>	.. ..	..	Ibid.
<i>hymenophylloides</i>	.. pp. 51 & 198	..	Ibid.
<i>digitata</i>	Phillips, t. 8, f. 6	Up. & L. ditto	Yorkshire Coast.
<i>latifolia</i>	.. t. 7, f. 18	Up. Coal of Oolite	Scalby, Yorkshire.
<i>longifolia</i>	.. f. 17	..	Yorkshire Coast.
<i>macrophylla</i>	Brong. Prod. pp. 51 & 198	Stonesfield Slate	Stonesfield; Whitby
<i>Mantelli</i>	Tilg. Foss. t. 1, f. 3	Tilgate beds	Tilgate For.; Pounceford
<i>Cyclopteris</i> <i>aureiculata</i>	Brong. Prod. p. 168	Coal	Yorkshire.
<i>obliqua</i>	.. p. 52	..	Colebrook Dale.
<i>Nevropteris</i> <i>rotundifolia</i>	.. pp. 53 & 169	..	Yorkshire.
<i>Loshii</i>	..	..	Newcastle.
<i>heterophylla</i>	Brong. Cl. t. 2, f. 6	..	Ibid.
<i>flexuosa</i>	Brong. Prod. pp. 53 & 169	..	near Bath.
<i>oblongata</i>	.. 54 & 169	..	Paulton, Somerset.
<i>laevigata</i>	.. t. 8, f. 13	L. Coal of Oolite	Egton Moor; Haiburn.
<i>lobifolia</i>	Brong. Prod. pp. 56 & 169	Upper ditto	Yorkshire Coast.
<i>Pecopteris</i> <i>Bucklandii</i>	.. pp. 57 & 170	Coal	near Bath.
<i>Mantelli</i>	Schlloth. P. t. 11, f. 22	..	Newcastle.
<i>lonchitica</i>	Brong. Prod. pp. 57 & 170	..	Ibid.
<i>Serlii</i>	Sternb. t. 59, f. 2	..	Bath.
<i>nervosa</i>	Artis. t. 4	..	Wales.
<i>Miltoni</i>	.. t. 17	..	Yorkshire.
<i>plumosa</i>	Brong. Prod. pp. 57 & 198	L. Coal of Oolite	Ibid.
<i>Whithiensis</i>	..	..	Whitby.
<i>denticulata</i>	..	..	Ibid.
<i>Phillipsii</i>	..	..	Ibid.
<i>polypodioides</i>	..	..	Ibid.
<i>paucifolia</i>	Phillips, t. 8, f. 8	Upper ditto	nr. Grishorpe Cliff,
<i>recentior</i>	.. f. 15	..	Ibid. [Yorksh. Co.
<i>exilis</i>	.. f. 16	..	Ibid.
<i>cæspitosa</i>	.. f. 10	..	Ibid.
<i>crenifolia</i>	.. f. 11	..	Ibid.
<i>hastata</i>	.. f. 17	..	Ibid.
<i>curtata</i>	.. f. 12	..	Ibid. & Egton Moors
<i>ligata</i>	.. f. 14	..	nr. Grishorpe Cliff.
.. t. 8, f. 4	..	..	Ibid.
<i>Aspleniopteris</i> <i>Nilsonii</i>	Tilg. Foss. t. 3, f. 5	Tilgate beds	Hastings.
<i>Lonchopteris</i> <i>Mantelli</i>	Sternb. t. 37, f. 2	Lias	Whitby.
<i>Tæniopteris</i> <i>vittata</i>	Brong. Prod. pp. 62 & 199	Stonesfield Slate	Stonesfield.
<i>latifolia</i>	Schlloth. P. t. 15, f. 3	Coal	Bath.
<i>Sigillaria</i> <i>tessellata</i>	Brong. Prod. pp. 66 & 172	..	Paulton, Somerset.
<i>Serlii</i>	Artis. t. 16	..	Yorkshire.
<i>appendiculata</i>	König. Icon. 165	..	Newcastle.
<i>affinis</i>	.. 184	..	Northumberland.
<i>elegans</i>			
<i>Marsileaceæ</i>			
<i>Sphenophyllum</i> <i>emarginatum</i>	Brong. Cl. t. 2, f. 8	Coal	Bath.
<i>truncatum</i>	Brong. Prod. pp. 68 & 172	..	Somersetshire.
<i>dentatum</i>	Sternb. t. 26, f. 4	..	Newcastle.
<i>Characeæ</i>			
<i>Chara</i> <i>tuberculata</i>	G.T. 2 ser. ii. t. 13, f. 7	Freshwater	Isle of Wight.
<i>Medicaginula</i>	.. f. 3	..	Ibid.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Lycopodiaceæ</i>			
<i>Lycopodites</i> <i>sphlegmarioides</i>	Schloth. P. t. 22, f. 3	Coal	Newcastle.
<i>uncifolius</i>	Phillips, t. 8, f. 3	L. Coal of Oolite	Saltwick; & nr. Red Cliff
<i>Williamsonis</i>	Brong. Prod. pp. 83 & 199	..	Whitby.
<i>Selaginites</i> <i>patens</i>	.. pp. 84 & 173	Coal	Edinburgh.
<i>Lepidodendron</i> <i>Bucklandi</i>	.. pp. 85 & 173	..	Colebrook Dale.
<i>ophiurus</i>	Sternb. t. 56, f. 2	..	Newcastle.
<i>Underwoodianum</i>	Brong. Prod. pp. 85 & 173	..	Isle of Anglesea.
<i>ornatissimum</i>	Edin. Trans. ix. t. 14	..	Edinburgh.
<i>tetragonum</i>	Sternb. t. 54, f. 2	..	Newcastle.
<i>transversum</i>	Brong. Prod. pp. 85 & 173	..	Glasgow.
<i>Rhodianum</i>	..	..	Yorkshire.
<i>cordatum</i>	Sternb. t. 56, f. 1	..	Durham.
<i>dubium</i>	Brong. Prod. pp. 86 & 173	..	Newcastle.
<i>cælatum</i>	Brong. Class. t. 1, f. 6	..	Yorkshire.
<i>discophorum</i>	König. Icon. 194	..	
<i>serpentigerum</i>	.. 195	..	
<i>exculptum</i>	.. 235	..	
<i>Lepidostrobus</i> <i>ornatus</i>	Org. Rem. i. t. 9, f. 1	..	Shropshire.
<i>undulatus</i>	Brong. Prod. pp. 87 & 174	..	Yorkshire.
<i>emarginatus</i>	..	..	Ibid.
<i>Stigmaria</i> <i>reticulata</i>	Sternb. t. 29, f. 3	..	Dudley.
<i>ficoides</i>	Brong. Class. f. 7	..	
<i>minima</i> ?	Brong. Prod. pp. 88 & 174	..	Isle of Anglesea.
PHANEROGAMIA			
GYMNOSPERMA			
<i>Cycadeæ</i>			
<i>Cycadites</i> <i>latifolius</i>	Phillips, t. 10, f. 1	L. Coal of Oolite	Saltwick, Yorkshire
<i>gramineus</i>	.. f. 2	..	Ibid.
<i>lanceolatus</i>	.. f. 3	..	Yorkshire Coast.
<i>pectenoides</i>	.. t. 10, f. 4	..	Saltwick; Stonesd.
<i>comptus</i>	.. t. 7, f. 20	Upper ditto	nr. Grinsthorpe Cliff.
<i>tenuicaulis</i>	.. f. 19	..	Ibid.
<i>sulcicaulis</i>	.. f. 21	..	Ibid.
<i>pecten</i>	.. f. 22	..	Ibid.
<i>Zamites</i> <i>Bechii</i>	Geol. T. 2 ser. i. t. 7, f. 3	Lias	Axminster, Devon.
<i>Bucklandi</i>	.. f. 2	..	Ibid.
<i>Zamia</i> <i>Mantelli</i>	Brong. Prod. pp. 94 & 199	L. Coal of Oolite	Whitby.
<i>longifolia</i>	..	..	Ibid.
<i>pennæformis</i>	..	..	Ibid.
<i>elegans</i>	..	..	Ibid.
<i>Goldiæ</i>	..	..	Ibid.
<i>acuta</i>	..	..	Ibid.
<i>laevis</i>	..	..	Ibid.
<i>Youngii</i>	..	..	Ibid.
<i>pectinata</i>	Sternb. t. 33, f. 1	Stonesfield Slate	Stonesfield.
<i>patens</i>	Brong. Prod. pp. 94 & 199	..	Ibid.
<i>Pterophyllum</i> <i>Williamsonis</i>	.. pp. 95 & 199	L. Coal of Oolite	Whitby.
<i>Cycadeoidea</i> <i>megalophylla</i>	Geol. T. 2 ser. ii. t. 47	Portland Oolite	Isle of Portland.
<i>microphylla</i>	.. t. 49	..	Ibid.
<i>Coniferæ</i>			
<i>Taxites</i> <i>podocarpoides</i>	Brong. Prod. pp. 108 & 200	Stonesfield Slate	Stonesfield.
<i>Thuytes</i> <i>expansa</i> ?	Phillips, t. 10, f. 11	U. & L. C. of Oolite	Saltwick, & Haiburn
<i>divaricata</i>	Sternb. t. 37, f. 1	Stonesfield Slate	Stonesfield.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Thuytes cypressiformis</i> <i>acutifolia</i>	Sternb. t. 33, f. 2.	Stonesfield Slate	Stonesfield.
<i>Brachyphyllum mamillare</i>	.. f. 3. Brong. Prod. pp. 109 & 200	.. L. Coal of Oolite	Ibid. Whitby.
PHANEROGAMIA MONOCOTYLEDONES			
<i>Palmae</i>			
<i>Flagellaria viminea</i>	Phillips, t. 10, f. 12	L. Coal of Oolite	Saltwick; & nr. Red Cliff
<i>Cocos Parkinsonis</i>	Org. Rem. i. t. 7, f. 1	London Clay	Isle of Sheppey.
<i>Lilia</i>			
<i>Bucklandia squamosa</i>	Sternb. t. 30	Stonesfield Slate	Stonesfield.
<i>Clathraria Lyellii</i>	Tilg. Foss. t. 1, f. 1	Tilgate beds	Tilgate Forest.
<i>Canna</i>			
<i>Endogenites erosa</i>	Tilg. Foss. t. 3, f. 1	Tilgate beds	Tilg. For.; Hastings.
<i>Sternbergia angulosa</i>	Artis. t. 8	Coal	Yorkshire.
<i>distans</i>	Brong. Prod. pp. 137 & 175	..	Edinburgh.
<i>Trigonocarpum Parkinsonis</i>	Org. Rem. i. t. 7, f. 6	..	Leicestershire.
<i>Musocarpum contractum</i>	Brong. Prod. p. 175	..	Oldham.
<i>Amomocarpum depressum</i>	.. pp. 137 & 209	London Clay	Isle of Sheppey,
<i>Pandanocarpum pyramidatum</i>	.. p. 209	..	Ibid.
PHANEROGAMIA DICOTYLEDONES			
<i>Aceræ</i>			
<i>Carpolithus Mantelli</i>	Tilg. Foss. t. 3, f. 1	Tilgate beds	Tilgate Forest.
<i>num. spec.</i>	Brong. Prod. pp. 150 & 209	London Clay	Isle of Sheppey.
<i>thalictroides</i>	Geol. T. 2 ser. ii. p. 290	Freshwater	Hordwell Cl. Hants.
CLASS UNCERTAIN			
<i>Phyllites nervulosus</i>	Phillips, t. 8, f. 9	Up. Coal of Oolite	Gristhorpe Cliff.
<i>Annularia fertilis</i>	Sternb. t. 51, f. 2	Coal	Bath.
<i>longifolia</i>	Schloth. Flo. t. 1, f. 4	..	Ibid.
<i>Asterophyllites tenuifolia</i>	.. f. 2	..	Newcastle.

INVERTEBRAL ANIMALS.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
POLYPI			
<i>Flustradæ</i>			
<i>Flustra crinoidea</i>	Miller, M. S.	Mt. Limestone	Arran, N. Britain.
<i>retricularis</i>	König. Icon. 61	Chalk	Lewes; Norwich.
<i>tessellata?</i>	M. S. Geol. Norfolk	..	Whitlingham, nr. Norw.
<i>Escharadæ</i>			
<i>Retepora flustriformis</i>	Mart. Derb. t. 43	Mt. Limestone	Middleton; Arran.
<i>elongata</i>	Fleming, p. 531	..	Rutherglen, Lanark.
<i>virgulacea</i>	G.T. 2 ser. iii. t. 12, f. 6	Mag. Limestone	Humbleton, Northumb.
<i>flustracea</i>	.. f. 8	..	Ibid.
<i>Cellepora Urii</i>	Fleming, p. 533	Mt. Limestone	Rutherglen.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Berenicea diluviana</i>	Geol. Eng. p. 214	Great Oolite	Bradford, Wilts.
<i>Smithii</i>	Phillips, t. 7, f. 8	Cornbrash	Scarborough.
<i>Alecto dichotoma</i>	Geol. Eng. p. 214	Great Oolite	Bradford, Wilts.
<i>Tubiporadæ</i>			
<i>Tubipora catenata</i>	Org. Rem. ii. t. 3, f. 4	Mt. Limestone	Winstor, & Gloucestersh.
<i>ramulosa</i>	.. f. 1	..	Mendip Hills.
<i>radiata</i>	Mart. Derb. t. 18	..	Winstor, Derbysh.
<i>strues</i>	Org. Rem. ii. t. 2, f. 1	Inferior Oolite	Westmoreland.
<i>Favosites septosus</i>	Fleming, p. 529	Mt. Limestone	Scotland.
<i>depressus</i>	..	..	Ibid.
<i>ramosus</i>	Geol. T. 2 ser. iii. p. 36	..	Arran, N. Britain.
<i>Terebellaria ramosissima</i>	Smith, f. 5	Great Oolite	Bradford, & Farley [Castle, Wilts.
<i>Milleporadæ</i>			
<i>Millepora ramosa</i>	Org. Rem. ii. t. 8, f. 3	Limestone	Wiltshire.
<i>straminea</i>	Phillips, t. 9, f. 1	Cornbrash	Gristhorpe, & Scarboro'.
<i>Gilberti</i>	Geol. Suss. p. 106	Up. Green Sand	Southbourn, Sussex.
<i>Fittoni</i>	.. t. 15, f. 10	Chalk Marl	Hamsey, ditto.
<i>globularis</i>	Phillips, t. 1, f. 12	Chalk	Dane's Dike; Norw.
<i>Lunulites urceolata</i>	.. f. 11	..	Dane's Dike, Yorks.
<i>Orbitolites lenticulata</i>	Geol. Suss. t. 16, f. 22	..	Lewes.
<i>Spongiadæ</i>			[lington.
<i>Spongia</i> [fungiform] <i>plana</i>	Phillips, t. 1, f. 1	Chalk	Dane's Dike, & Brid-
<i>capitata</i>	.. f. 2	..	Ibid.
<i>osculifera</i>	.. f. 3	..	Ibid.
<i>Benettiæ</i>	.. f. 4	..	Ibid.
<i>marginata</i>	.. f. 5	..	Ibid.
<i>convoluta</i>	.. f. 6	..	Ibid.
<i>lobata</i>	Org. Rem. ii. t. 7, f. 6	..	Lewes; Norwich.
[fistuliform] <i>radiciformis</i>	Phillips, t. 1, f. 9	..	Dane's D. & Bridlington.
<i>terebrata</i>	.. f. 10	..	Bridlington.
[funnel-formed] <i>porosa</i>	.. f. 8	..	Ibid.
<i>lævis</i>	.. f. 8 a	..	Ibid.
<i>cibrosa</i>	.. f. 7	..	Dane's Dike, Yorks.
[ramose] <i>floriceps</i>	Phillips, t. 3, f. 8	Coral Rag	Hackness & Malton.
<i>paradoxica</i>	Geol. T. ii. t. 27, f. 1	Red Chalk	Southbourn; Hunstanton.
<i>ramosa</i>	Geol. Suss. t. 15, f. 11	Chalk	Lewes; Warminster.
<i>Sponges labyrinthicus</i>	.. f. 7	..	Lewes; Heytesbury.
<i>Townsendi</i>	.. f. 9	..	Lewes; Warminster.
<i>Siphonia Websteri</i>	Geol. T. ii. t. 27, 28, 29	Up. Green Sand	Southbourn & I. of Wight
<i>Ventriculites radiatus</i>	Geol. Suss. t. 10—13	Chalk	Lewes.
<i>Benettiæ</i>	.. t. 15, f. 3	..	Ibid.
<i>alcyonoides</i>	Smith, f. 1	..	Ibid.; Warminster.
<i>quadrangularis</i>	Geol. Suss. t. 15, f. 6	..	Offham, Sussex.
<i>Choanites subrotundus</i>	.. f. 2	..	Lewes.
<i>flexuosus</i>	.. f. 1	..	Ibid.
<i>Königi</i>	.. t. 16, f. 19	..	Ibid.; Warminster.
<i>Paramoudra</i> —————	Geol. T. iv. t. 24	..	Belfast; Thorpe, [Norfolk.
<i>Corallinidæ</i>			
<i>Isis</i> ? —————	Org. Rem. ii. p. 73	Limestone	Calne, Wiltshire.
<i>Lamellifera</i>			
<i>Sarcinula punctata</i>	Org. Rem. ii. t. 7, f. 4	Mt. Limestone	Gloucestershire.
<i>angularis</i>	.. f. 3	..	Dudley.
<i>Lithostrotion striatum</i>	.. t. 5, f. 6	..	Wales.
<i>floriforme</i>	Mart. Derb. t. 43	..	Bristol.
<i>marginatum</i>	Fleming, p. 508	..	Scotland.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Caryophyllea fasciculata</i>	Org. Rem. ii. t. 6, f. 8	Mt. Limestone	Bristol.
<i> duplicata</i>	Mart. Derb. t. 30	..	Bakewell, Derbysh.
<i> affinis</i>	.. t. 31	..	Winster, ditto
<i> juncea</i>	Fleming, p. 509	..	Rutherglen, Lanark.
<i> convexa</i>	Phillips, t. 11, f. 1	Inferior Oolite	Blue Wick, Yorks.
<i> cylindrica</i>	.. t. 3, f. 5	Coral Rag	Malton; Seamer, &c.
<i> cæspitosa</i>	.. p. 126	..	Hackness & Malton.
<i> flexuosa</i>	..	..	Malton, Yorkshire.
<i> annularis</i>	Org. Rem. ii. t. 5, f. 5	Portland Oolite	Steeple Ashton, Wilts
<i> conula</i>	Phillips, t. 2, f. 1	Gault	Speeton, Yorkshire.
<i> centralis</i>	Geol. Suss. t. 16, f. 2	Chalk	Lewes; Heytesb.; Norw.
<i>Turbinolia fungites</i>	Fleming, p. 510	Mt. Limestone	Rutherglen, Lanark.
<i> dispar</i>	Phillips, t. 3, f. 4	Coral Rag	Malton, &c. Yorks.
<i> Königi</i>	Geol. Suss. t. 19, f. 22	Gault	Ringmer; Bletchingley.
<i> sulcata</i>	Geol. Eng. p. 1	London Clay	Barton, Hants.
<i> sepulta</i>	Fleming, M. S.	Crag	Aldborough, Suffolk.
<i>Cyclolites elliptica</i>	Geol. Eng. p. 245	Inferior Oolite	Steeple Ashton.
<i>Explanaria flexuosa</i>	Org. Rem. ii. t. 7, f. 11	Coral Rag	Bristol.
<i>Astrea undulata</i>	.. t. 6, f. 10	Mt. Limestone	Malton, &c. Yorks.
<i> favosides</i>	Phillips, t. 3, f. 7	Coral Rag	Ibid.
<i> inæqualis</i>	.. p. 126	..	Hackness; Ebberston, &c.
<i> micrastron</i>	.. ..	..	Malton, & Wiltshire.
<i> arachnoides</i>	Org. Rem. ii. t. 6, f. 4	..	Ibid.
<i> tubulifera</i>	Phillips, t. 3, f. 6	..	Mendip Hills.
<i>Porites cellulosa</i>	Org. Rem. ii. t. 5, f. 9	Mt. Limestone	
RADIARIA			
<i>Blastoidæ</i>			
<i>Pentremites Derbiensis</i>	Zool. Jour. ii. p. 317	Carb. Limestone	Derbyshire.
<i> globosus</i>	.. p. 314	..	Bath.
<i> ellipticus</i>	.. p. 318	..	Preston, Lanc.
<i>Crinoidæ</i>			
<i>Apocrinites rotundus</i>	Miller, p. 18	Great Oolite	Tortworth.
<i> ellipticus</i>	.. 33	Chalk	Bradford; Weymouth;
<i>Pentacrinites Cap. Medusæ</i>	.. 46	Lias	Lewes; Northfleet.
<i> Briareus</i>	.. 56	..	Bristol; Grithorpe.
<i> subangularis</i>	.. 59	..	Lyme Regis.
<i> basaltiformis</i>	.. 62	..	Ibid.
<i> tuberculatus</i>	.. 64	..	Ibid.; Pyrton.
<i>Poteriocrinites crassus</i>	.. 68	Mt. Limestone	Pyrton Passage.
<i> tenuis</i>	.. 71	..	Bristol; Yorks.; Arran.
<i>Platycrinus laevis</i>	.. 74	..	Ibid.; Mendip Hills.
<i> rugosus</i>	.. 79	..	Ibid. &c.
<i> tuberculatus</i>	.. 81	..	Mendip H.; Caldy Is.
<i> granulatus</i>	.. 82	..	Ibid.
<i> striatus</i>	.. ..	..	Mendip Hills.
<i> pentangularis</i>	.. 83	..	Bristol.
<i>Cyathocrinites planus</i>	.. 85	Mag. Limestone	Ibid.; Mendip Hills.
<i> quinquangularis</i>	.. 92	..	Clevedon; Humbleton.
<i> tuberculatus</i>	.. 88	Trans. Limestone	Clevedon, Somerset.
<i> rugosus</i>	.. 89	..	Dudley.
<i>Actinocrinites triacontadactylus</i>	.. 95	Mt. Limestone	Shropshire.
<i> polydactylus</i>	.. 103	..	Craven, Yorkshire.
<i>Rhodocrinites verus</i>	.. 106	..	Mendip Hills.
<i>Asteriadae</i>			
<i>Asterias</i>	Mag. N. H. ii. p. 73	Cornbrash	Bristol, & Forest of
<i> regularis</i>	Org. Rem. iii. t. 1, f. 3	Chalk	[Dean.]
			Horsington, Somers.
			Swaffham; Lewes.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Asterias semilunatus</i>	Org. Rem. iii. t. 1, f. 1	Chalk	Swaffham; Lewes,
<i>Ophiura Milleri</i>	Phillips, t. 13, f. 20	Lias	Staithes, Yorkshire,
<i>Marsupites ornatus</i>	Miller, p. 136	Chalk	Lewes; Brighton.
<i>Echinidae</i>			
<i>Echinus germinans</i>	Phillips, t. 3, f. 15	Calcareous Grit	Malton & Whitwell.
<i>Benettiae</i>	König. Icon. 35	L. or U. Gn. Sand?	Chute Farm, Wilts.
<i>areolatus</i>	.. 100*	..	Wilts.; Lyme Regis.
<i>variolatus</i>	Org. Rem. iii. t. 1, f. 8	..	Stonesfield, Oxon.
<i>saxatilis</i>	.. t. 3, f. 1	Chalk	Norwich; Hamsley.
<i>Königi</i>	.. t. 1, f. 10	..	Brighton & Lewes.
<i>Cidaris vagans</i>	Phillips, t. 7, f. 1	Cornbrash	Scarboro' & Ewe Nab
<i>diadema</i>	Org. Rem. iii. t. 1, f. 4	Coral Rag	Calne, Wiltshire.
<i>papillata</i>	.. f. 9	..	Ibid.
<i>intermedia</i>	.. t. 4, f. 20	..	Malton; Slingsby; Wilts.
<i>florigemma</i>	Phillips, t. 3, f. 12	..	Malton; Calne.
<i>monilipora</i>	.. p. 127	..	Malton, and Wilts.
<i>mammillata</i>	Org. Rem. iii. t. 1, f. 6	L. or U. Gn. Sand?	Wiltshire.
<i>cretosa</i>	.. t. 4, f. 3	Chalk	Lewes; Northfleet.
<i>variolaris</i>	G. T. 2 ser. iii. p. 205	..	Lewes; Lyme.
<i>Clypeus orbicularis</i>	Phillips, t. 7, f. 3	Cornbrash	Scarborough.
<i>clunicularis</i>	.. f. 2	..	Ibid. & Malton.
<i>sinuatus</i>	Org. Rem. iii. t. 2, f. 1	Coral Rag	Malton?
<i>emarginatus</i>	Phillips, t. 3, f. 18	..	Ibid. & Scarborough.
<i>semisulcatus</i>	.. f. 17	..	Malton, & Wilts.
<i>dimidiatus</i>	.. f. 16	..	Ibid. & Oxon.
<i>Galerites depressus</i>	.. t. 7, f. 4	Cornbrash	Malton & Scarboro'.
<i>vulgaris</i>	Org. Rem. iii. t. 2, f. 3	Chalk	South Downs; Lyme.
<i>Albogalerus</i>	Geol. Suss. t. 17, f. 8	..	Lewes; Lyme; & Yorks.
<i>subrotundus</i>	.. f. 15	..	Lewes; Norwich.
<i>Clypeaster pentagonalis</i>	Phillips, t. 4, f. 24	Calcareous Grit	Scarborough.
<i>Fibularia Suffolciensis</i>	Leathes, M. S.	Crag	Sutton, Suffolk.
<i>Echinoneus lampas</i>	Geol. T. 2 ser. i. t. 3, f. 3	L. or U. Gn. Sand?	Lyme Regis.
<i>Ananchetes ovatus</i>	Smith, f. 10	Chalk	Norwich; Lewes.
<i>pustulosus</i>	M. S. Geol. Norfolk	..	Norwich.
<i>hemisphericus</i>	Phillips, p. 119	..	Dane's D.; S. Downs.
<i>intumescens</i>	..	..	Dane's Dike, Yorks.
<i>scutatus</i>	Org. Rem. iii. t. 2, f. 4	..	Lewes. [borough.
<i>Spatangus ovalis</i>	Phillips, t. 4, f. 23	Coral Rag	Malton; Hackness; Scar.
<i>ornatus</i>	Geol. T. 2 ser. ii. p. 113	L. or U. Gn. Sand?	Lyme Regis, Dorset.
<i>suborbicularis</i>	.. p. 114	..	Ibid.
<i>argillaceus</i>	Phillips, t. 2, f. 4	Gault	Speeton, & Wilts.
<i>Murchisonia</i>	König. Icon. 169	Upper Green Sand	Nursted; Southbn.
<i>cordiformis</i>	Geol. Suss. p. 108	Chalk Marl	Middleham; Norw.
<i>rostratus</i>	.. t. 17, f. 10	Chalk	Brighton, & Norfolk
<i>Prunella?</i>	.. f. 22	..	Brighton.
<i>Cor anguinum</i>	Org. Rem. iii. t. 3, f. 11	..	Norwich; Lewes; Lyme.
<i>planus</i>	Phillips, t. 1, f. 15	..	Dane's Dike; Lewes.
<i>hemisphericus</i>	.. f. 16	..	Knapton & Dane's D.
<i>Levis</i>	Geol. T. 2 ser. ii. p. 111	..	Lyme Regis, Dorset.
CRUSTACEA			
<i>Decapoda Brachyuri</i>			
<i>Cancer tuberculatus</i>	König. Icon. 54	London Clay	Sheppey, Kent.
<i>Leachii</i>	Brong. t. 8, f. 5	..	Ibid.
<i>Inachus Lamarckii</i>	.. t. 9, f. 15	..	Ibid.
<i>Decapoda Macrourii</i>			
<i>Astacus longimanus</i>	König. Icon. 229	Lias	Lyme Regis.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Astacus</i> <i>rostratus</i>	Phillips, t. 4, f. 20	Coral Rag	Malton, Yorkshire.
<i>ornatus</i>	Phillips, t. 3, f. 2	Gault	Speeton, Yorkshire.
<i>Leachii</i>	Geol. Suss. t. 29	Chalk	Offham & Lewes.
<i>Sussexiensis</i>	.. t. 30, f. 3	..	Lewes; Southerham.
<i>Pagurus</i> <i>Faujasii</i>	Geol. Suss. t. 29, f. 3	Chalk	Lewes.
<i>Eryon</i> —————	.. f. 2	..	Ibid.
<i>Scyllarus</i> <i>Mantelli</i>	Brong. p. 130	..	Ibid.
<i>Palinurus</i> <i>Suerii</i>	.. t. 10, f. 8	Limestone	Leeds, Yorkshire.
<i>Branchiopoda</i>			[Hastings.
<i>Cypris</i> <i>Faba?</i>	Min. Con. t. 485	Weald Clay	Cook's Bridge, and
<i>Trilobita</i>			[field.
<i>Calymene</i> <i>Blumenbachii</i>	Mag. N. H. 1829	Trans. Limestone	Dudley; Tortworth; Char-
<i>variolaris</i>	Brong. t. 1, f. 3	..	Dudley, & Glosersh.
<i>macrophthalma</i>	.. f. 4 & 5	..	Colebrook Dale; Dudley.
<i>Asaphus</i> <i>Debuchii</i>	Mag. N. H. 1829	Trans. Slate	Builth, Wales.
<i>caudatus</i>	.. ..	Trans. Limestone	Barr; Dudley; Tortworth.
<i>cornigerus</i>	Brong. t. 4, f. 6	..	Llandeilo, Wales.
<i>Myops</i>	.. f. 9	..	Dudley, Worcesters.
<i>Entomolithus</i> <i>Derbyensis</i>	König. Icon. 53	..	Ibid.
<i>lunatus</i>	Mart. Derb. t. 47	..	Ashford, Derbysh.
	.. f. 4	Iron Stone	Mansfield, Notts.
ANNULATA			
<i>Maldania</i>			
<i>Dentalium</i> <i>giganteum</i>	Phillips, t. 14, f. 8	Lias	Robin Hood's Bay.
<i>quadratum</i>	.. p. 152	Great Oolite	Scarborough.
<i>medium</i>	.. t. 4, f. 37	Calcareous Grit	Cayton, Yorkshire.
<i>planum</i>	Min. Con. t. 79	L. or U. Gn. Sand?	Blackdown.
<i>septangulare</i>	.. ..	..	Bognor, Sussex.
<i>cylindricum</i>	Edin. Phil. J. xii. t. 9	..	Belfast.
<i>decussatum</i>	Min. Con. t. 79	Iron Stone?	Exmouth, Devon.
<i>ellipticum</i>	.. t. 70	Chalk Marl	Newtimber, Sussex.
<i>incrassatum</i>	.. ..	..	Folkstone; Ringmer.
<i>striatum</i>	.. t. 79	London Clay	Highgate; Richmond
<i>entale?</i>	.. t. 70	..	Hordwell; Ringmer.
<i>nitens</i>	.. ..	..	Hordwell & Barton Cliff.
<i>costatum</i>	.. ..	Crag	Highgate, Middles.
			Holywells, near Ips-
<i>Serpula</i>			
<i>Serpula</i> <i>compressa</i>	Min. Con. t. 598	Mt. Limestone	Lothian.
<i>capitata</i>	Phillips, t. 14, f. 16	Lias	Robin Hood's Bay.
<i>deplexa</i>	.. t. 11, f. 26	Inferior Oolite	Blue Wick, Yorks.
<i>triangulata</i>	Min. Con. t. 608	Great Oolite	Bradford, Wilts.
<i>tetragona</i> α	.. t. 599	..	Diluvium, Suffolk.
β	.. ..	Cornbrash	Bedfordshire.
<i>vertebralis</i>	.. ..	..	Castle Hill, Bedford.
<i>intestinalis</i>	Phillips, t. 5, f. 21	Oxford Clay	Scarborough.
<i>lacerta</i>	.. t. 4, f. 35	Calcareous Grit	Ibid.
<i>sulcata</i>	Min. Con. t. 608	..	Shotover Hill, Oxon.
<i>tricarinata</i>	.. ..	..	Ibid.
<i>squamosa</i>	Phillips, t. 4, f. 15	Coral Rag	Scarborough.
<i>runcinata</i>	Min. Con. t. 608	..	Shotover Hill, Oxon.
<i>Carinella</i>	.. t. 598	L. or U. Gn. Sand?	Blackdown.
<i>antiquata</i>	.. ..	..	Wiltshire.
<i>rustica</i>	.. t. 599	Upper Green Sand	Folkstone, Kent.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Serpula</i> <i>articulata</i>	Min. Con. t. 599	Up. Green Sand	Folkstone, Kent.
<i>spirulaea</i>	Sow. Gen. No. 22	Chalk	Norwich.
<i>granulata</i>	Min. Con. t. 597	..	..
<i>plana</i>	M. S. Geol. Norfolk	..	Norwich.
<i>ampulacea</i>	Min. Con. t. 597	..	Ibid.; Lewes.
<i>macropus</i>	.. ..	..	Norwich.
<i>Plexus</i>	.. t. 598	..	Ibid.; Lewes; Hamsey.
<i>fluctuata</i>	.. t. 608	..	Norwich.
<i>obtusa</i>	.. ..	..	Saham, Norfolk.
<i>crassa</i>	.. t. 30	London Clay	Highgate, Middles.
<i>extensa</i>	Brander, f. 12	..	Hordwell Cl. Hants.
<i>tenuis</i>	Min. Con. t. 598	Freshwater	Ibid.
CIRRIPEDA			
<i>Sessile</i>			
<i>Balanus</i> <i>crassus</i>	Min. Con. t. 84	Crag	[wich. Holywells, near Ips-
<i>tesselatus</i>	.. ..	..	Bramerton, Norf.
<i>balanoides</i> ?	M. S. Nor. Crag.	..	Ibid. & Thorpe.
<i>Pedunculate</i>			
<i>Pollicipes</i> <i>sulcatus</i>	Min. Con. t. 606	Chalk	Lewes; Norwich.
<i>maximus</i>	.. ..	..	Northfleet; Ibid.
<i>reflexus</i>	.. ..	Upper Marine	Colwell Bay, Isle of [Wight.
CONCHIFERA			
<i>Tubicolaria</i>			
<i>Clavagella</i> <i>coronata</i>	Min. Con. t. 488	London Clay	Hampshire Coast.
<i>Fistulana</i> <i>pyriformis</i>	Geol Suss. p. 76	Gault	Willingdon, Sussex.
<i>personata</i>	Min. Con. t. 102	London Clay	Isle of Sheppey.
<i>Pholadaria</i>			
<i>Pholas</i> <i>priscus</i>	Min. Con. t. 581	Limestone	Sandgate, Kent.
<i>recondita</i>	Phillips, t. 3, f. 19	Coral Rag	Malton, Yorkshire.
<i>compressa</i>	Min. Con. t. 603	Kimmeridge Clay	Shotover Hill, Oxon.
<i>constricta</i>	Phillips, t. 2, f. 17	Gault	Speeton, Yorkshire.
<i>cylindrica</i>	Min. Con. t. 198	Crag	Walton, Suffolk.
<i>Gastrochæna</i> <i>tortuosa</i>	.. t. 526	Inferior Oolite	Bl.Wick, R. Hood's Bay.
<i>contorta</i>	.. ..	London Clay	Barton Cliff, Hants.
<i>Pholadomya</i> <i>lirata</i>	.. t. 197	Lias	Bath.
<i>deltoidea</i>	.. ..	..	Peterborough.
<i>obliquata</i>	Phillips, t. 13, f. 15	..	Bilsdale & Blue Wick
<i>producta</i>	Min. Con. t. 197	Inferior Oolite	Bath; Peterborough
<i>obtusa</i>	.. ..	..	Bath & Dundry.
<i>fidicula</i>	.. t. 225	..	Norton-u-Ham; Bl.Wick.
<i>angustata</i>	.. t. 327	..	Nunney, Somerset.
<i>Murchisoni</i>	.. t. 545	..	Isle of Skye; Brora.
<i>acuticostata</i>	.. t. 546	..	Ibid.
<i>ambigua</i>	.. t. 227	Unknown	Norfolk.
<i>nana</i>	Phillips, t. 9, f. 7	Great Oolite	White Nab, Yorks.
<i>obsoleta</i>	.. t. 5, f. 24	Oxford Clay	Scarborough.
<i>simplex</i>	.. t. 4, f. 31	Calcareous Grit	Gristhorpe, Yorks.
<i>ovalis</i>	Min. Con. t. 226	Portland Oolite	Felmersham; Portland.
<i>æqualis</i>	.. t. 546	..	Weymouth, Dorset.
<i>decussata</i>	Phillips, t. 2, f. 9	Gault	Speeton, Yorkshire.
<i>margaritacea</i>	Min. Con. t. 297	London Clay	Isle of Thanet.
<i>Solenacea</i>			
<i>Solen</i> <i>affinis</i>	Min. Con. t. 3	London Clay	Highgate, Middles.
<i>siliqua</i> ?	M. S. Nor. Crag	Crag	Thorpe, nr. Norwich

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Panopaea gibbosa</i>	Min. Con. t. 42	Great Oolite	Bath.
<i>plicata</i>	.. t. 419	L. or U. Gn. Sand?	Sandgate & Margate.
<i>intermedia</i>	.. t. 76 & 419	London Clay	Bognor, Sussex.
<i>Faujasi</i>	.. t. 602	Crag	Ipswich.
<i>Myaria</i>			
<i>Mya V-scripta</i> β	Min. Con. t. 224	Inferior Oolite	Claydon; Brora.
<i>literata</i> α	.. ..	..	Felmersham; Brora.
<i>calceiformis</i>	Phillips, t. 11, f. 3	..	Blue Wick, Yorks.
<i>dilata</i>	.. f. 4	..	Glaizedale, ditto.
<i>æquata</i>	.. f. 12	..	Blue Wick. [Bath.
<i>angulifera</i>		Fuller's Earth	Smallcomb; Beacon Hill;
<i>V-scripta</i> γ	Min. Con. t. 224	Cornbrash	Bedford Castle.
<i>literata</i> α	.. ..	Kelloway's Rock	Kelloway's Br. Wilts.
<i>depressa</i>	.. t. 418	Coral Rag	Scarborough; Brora.
<i>gibbosa</i>	.. t. 419	Oolite?	Weymouth; Brora.
<i>Mandibula</i>	.. t. 43		Osmington, Dorset.
<i>phaseolina</i>	Phillips. t. 2, f. 13	Low. Green Sand	Devizes; Pulboro'; Lyme
<i>plana</i>	Min. Con. t. 76	Gault	Speeton, Yorkshire.
<i>subangulata</i>	.. ..	Plastic Clay	Plumstead, Kent.
<i>angustata</i>	.. t. 531	London Clay	Barton Cliff, Hants.
<i>gregaria</i>	.. t. 363	Upper Marine	Colwell Bay.
<i>arenaria</i>	.. t. 364	Freshwater	Headon Hill. [ton.
<i>Pullus</i>	.. t. 531	Crag	Holywells; Bramer-
<i>lata</i>	.. t. 81		Butley, Suffolk.
<i>subovata</i>			Bramerton, Norf.
<i>truncata</i> ?	M. S. Nor. Crag		Ibid.
<i>Mactacea</i>			Ibid.
<i>Lutraria gibbosa</i>	Geol. T. 2 ser. i. p. 352	Inferior Oolite	Tortworth, Glosers.
<i>striata</i>	Min. Con. t. 534	U. or L. Gn. Sand?	Lyme Regis.
<i>carinifera</i>	.. ..	Chalk	Dowlands, Devon.
<i>oblata</i>	.. ..	London Clay	Bognor, Sussex.
<i>Mactra arcuata</i>	.. t. 160	Crag	Holywells, nr. Ipsw.
<i>dubia</i>	.. ..		Ipswich & Woodbr.
<i>ovalis</i>	.. ..		Sandlands Suf.; Bramertu.
<i>cuneata</i>	.. ..		Bramerton & Thorpe
<i>magna</i>			Postwick, Norfolk.
<i>Listeri</i> ?	M. S. Nor. Crag		Bramerton, ditto
<i>Crassatella sulcata</i>	Min. Con. t. 345	London Clay	Barton, Hants.
<i>plicata</i>	.. ..		near Southampton.
<i>compressa</i>	G. T. 2 ser. iii. p. 202		Bracklesham, Suss.
<i>Amphidesma donaciforme</i>	Phillips, t. 12, f. 5	Lias	Rosebury, &c. York.
<i>rotundatum</i>	.. f. 6	..	Ibid.
<i>securiforme</i>	.. t. 7, f. 10	Inferior Oolite	Glaizedale, Bl. Wick
<i>decurvatum</i>	.. f. 11	Great Oolite	White Nab, Yorks.
<i>recurvum</i>	.. t. 5, f. 25	Coral Rag	Malton, ditto.
<i>Corbulea</i>			
<i>Corbula limosa</i>	Fleming, p. 426	Carb. Limestone	Scotland.
<i>cardiooides</i>	Phillips, t. 14, f. 12	Lias	Robin Hood's Bay.
<i>obscura</i>	Min. Con. t. 572	Coal of Oolite	Brora, Sutherland.
<i>depressa</i>	Phillips, t. 9, f. 16	Great Oolite	Cloughton Wyke, Yorks.
<i>curtansata</i>	.. t. 3, f. 27	Coral Rag	Malton, Yorkshire.
<i>striatula</i>	Min. Con. t. 572	Low. Green Sand	Parham, Pulboro'.
<i>gigantea</i>	.. t. 209	L. or U. Gn. Sand?	Blackdown.
<i>laevigata</i>	.. ..	..	Ibid.
<i>elegans</i>	.. t. 572	..	Ibid.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Corbula punctum</i>	Phillips, t. 2, f. 6	Gault	Speeton, Yorkshire.
<i>globosa</i>	Min. Con. t. 209	London Clay	Highgate, Middles.
<i>Pisum</i>	.. ..	..	Barton & Hordwell
<i>revoluta</i>	.. ..	..	Ibid. [Cliff.
<i>nitida</i>	.. t. 362	Up. Freshwater	Isle of Wight.
<i>cuspidata</i>	.. ..	Upper Marine	Colwell & Whitecliff Bays
<i>complanata</i>	.. ..	Crag	Roydon, Suffolk.
<i>rotundata</i>	.. t. 572	..	Holywells, nr. Ipsw.
<i>Lithophaga</i>			
<i>Saxicava rugosa</i>	Min. Con. t. 466	Crag	Holywells; Thorpe.
<i>Petricola laminosa</i>	.. t. 573	..	Sutton, &c. Suffolk.
<i>Nymphacea Solenaria</i>			
<i>Sanguinolaria gibbosa</i>	Min. Con. t. 548	Mt. Limestone	Queen's Co. Ireland.
<i>elegans</i>	Phillips, t. 12, f. 9	Lias	Yorkshire Coast.
<i>undulata</i>	Min. Con. t. 548	Inferior Oolite	Brora; Scarborough
<i>Hollowaysii</i>	.. t. 159	London Clay	Bracklesham Bay.
<i>compressa</i>	.. t. 462	..	Barton Cliff, Hants.
<i>Psammobia laevigata</i>	Phillips, t. 4, f. 5	Inferior Oolite	Bl. Wick & Scarbro'.
<i>solida</i>	Min. Con. t. 342	Upper Marine	Headon Hill, Isle of
<i>Nymphacea Tellinaria</i>			[Wight.]
<i>Tellina ampliata</i>	Phillips, t. 3, f. 24	Coral Rag	Malton, Yorkshire.
<i>æqualis</i>	G. T. 2 ser. iii. p. 211	Low. Green Sand	Parham, Sussex.
<i>inæqualis</i>	Min. Con. t. 456	..	Ibid. & Blackdown.
<i>striatula</i>	.. ..	L. or U. Gn. Sand?	Blackdown.
<i>Branderi</i>	.. t. 402	London Clay	Barton Cliff, Hants.
<i>filosa</i>	.. ..	..	Ibid.
<i>ambigua</i>	.. t. 403	..	Ibid. & Colwell Bay.
<i>obliqua</i>	.. t. 161	Crag	Ipswich; Bramerton
<i>ovata</i>	.. ..	..	Bramerton, & Suff.
<i>obtusa</i>	.. t. 179	..	Woodbridge, Suff.
<i>prætenuis</i>	M. S. Nor. Crag	..	Postwick, Norfolk.
<i>Corbis uniformis</i>	Phillips, t. 12, f. 3	Lias	Whitby.
<i>ovalis</i>	.. t. 5, f. 29	Kelloway's Rock	Scarborough.
<i>lævis</i>	Min. Con. t. 580	Coral Rag	Malton; nr. Oxford.
<i>Lucina despecta</i>	Phillips, t. 9, f. 8	Great Oolite	Cloughton Wyke.
<i>lirata</i>	.. t. 6, f. 11	Kelloway's Rock	Scarborough.
<i>crassa</i>	Min. Con. t. 557	Calcareous Grit	Braambury & Brora.
<i>sculpta</i>	Phillips, t. 2, f. 15	Gault	Speeton, Yorkshire.
<i>mitis</i>	Min. Con. t. 557	London Clay	Barton Cliff, Hants.
<i>antiquata</i>	.. ..	Crag	Woodbridge, Suff.
<i>divaricata</i>	.. t. 417	..	Bramerton; Hordwell.
<i>Crassina minima</i>	Phillips, t. 9, f. 23	Lias	Rosebury & Bl. Wick
<i>lurida</i>	.. t. 5, f. 2	Oxford Clay	Scarborough.
<i>carinata?</i>	.. f. 3	Calcareous Grit	Ibid.
<i>extensa</i>	.. t. 3, f. 21	Coral Rag	Malton, Yorkshire.
<i>aliena</i>	.. f. 22	..	Ibid.
<i>ovata</i>	.. f. 25	..	Ibid.
<i>lævis</i>	.. t. 2, f. 18	Gault	Speeton, ditto.
<i>Astarte lurida</i>	Min. Con. t. 137	Inferior Oolite	Fox Hill, Glostersh.
<i>elegans</i>	.. ..	..	Yeovil; Brora.
<i>excavata</i>	.. t. 233	..	Dundry, Somerset.
<i>trigonalis</i>	.. t. 444	..	Ibid.
<i>ovata?</i>	Geol. Eng. p. 242	..	Somersetshire.
<i>modiolaris</i>	Sow. Gen. No. 4	..	
<i>orbicularis</i>	Min. Con. t. 444 & 520	..	
<i>pumila</i>	.. t. 444	Great Oolite	Ancliff; Bath.
			Ancliff, Wiltshire.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Astarte</i> <i>cuneata</i>	Min. Con. t. 137	Upper Oolite	Chilmark, Wilts.
<i>lineata</i>	.. t. 179	..	Headington, Oxon.
<i>obovata</i>	.. t. 353	Iron Sand	Sandown Bay.
<i>striata</i>	.. t. 520	L. or U. Gn. Sand?	Blackdown.
<i>rugata</i>	.. t. 316	London Clay	Hightgate, Middles.
<i>plana</i>	.. t. 179	Crag	Bramerton, Norf.
<i>antiquata</i>	M. S. Nor. Crag.	..	Ibid.
<i>obliquata</i>	Min. Con. t. 179	..	Holywells, nr. Ipsw.
<i>planata</i>	.. t. 257	..	Gunton, Suffolk.
<i>oblonga</i>	.. t. 521	..	Sutton, &c. ditto.
<i>imbricata</i>	.. ..	..	Ibid.
<i>nitida</i>	.. ..	..	Sandlands, Suffolk.
<i>bipartita</i>	.. ..	..	Ibid.
<i>Thetis</i> <i>major</i>	Min. Con. t. 513	Low. Green Sand	Blackdown; Parham Park
<i>minor</i>	.. ..	..	Shanklin Ch.; Parham P.; Dudry. [Petersfield.
<i>Myoconcha</i> <i>crassa</i>	.. t. 467	Inferior Oolite	
<i>Conchæ Fluvialitæ</i>			
<i>Cyclas</i> <i>cornea</i>	G. T. 2 ser. iii. p. 215	Ashburnham beds	Maresfield, Hastings, &c.
<i>membranacea</i>	Min. Con. t. 527	Weald Clay	Pouncey, Ashburnham.
<i>media</i>	.. ..	..	Is. Wight; Tilg. For.; Skye
<i>deperdita?</i>	.. t. 162	Plastic Clay	Charlton, Plumstead
<i>cuneiformis</i>	.. ..	..	Ibid. [Skye.
<i>obovata</i>	.. ..	..	Charlton; Barton Cliff; Hampstead Cl.; Is. Wight; [Tilg. For.; Skye.
<i>Cyrena</i> <i>pulchra</i>	.. t. 527	Upper Marine	
<i>Conchæ Marinæ</i>			
<i>Cytherea</i> <i>dolabra</i>	Phillips, t. 9, f. 12	Great Oolite	Cloughton Wyke.
<i>convexa</i>	Geol. Suss. t. 25, f. 2	Plastic Clay	Newhaven, Sussex.
<i>nitidula</i>	G. T. 2 ser. iii. p. 202	London Clay	Bracklesham, ditto.
<i>Venus</i> <i>varicosa</i>	Min. Con. t. 296	Cornbrash	Felmersham, Bedf.
<i>angulata</i>	.. t. 65	Low. Green Sand	Blackdn.; Parham.
<i>caperata</i>	.. t. 518	..	Blackdown; Lyme.
<i>ovalis</i>	.. t. 567	..	Parham, Feversham
<i>Faba</i>	.. ..	..	Parham & Shanklin.
<i>parva</i>	.. t. 518	..	Ibid.; Lyme.
<i>lineolata</i> α	.. t. 20	L. or U. Gn. Sand?	Blackdown.
<i>plana</i>	.. ..	..	Ibid.
<i>Ringmeriensis</i>	Geol. Suss. t. 25, f. 5	Chalk Marl	Ringmer & Middleham.
<i>incrassata</i>	Min. Con. t. 155	London Clay	Brockenhurst, Hants
<i>transversa</i>	.. t. 422	..	Barton Cliff.
<i>elegans</i>	.. ..	..	Ibid.
<i>pectenifera</i>	.. ..	..	Ibid.
<i>lineolata</i> β	.. ..	..	Ibid.
<i>æqualis</i>	.. t. 21	Crag	Woodb.; Bramerton
<i>rustica</i>	.. t. 196	..	Hollesley, Suffolk.
<i>lentiformis</i>	.. t. 203	..	Walton, &c. ditto.
<i>gibbosa</i>	.. t. 155	..	Sutton, ditto.
<i>turgida</i>	.. t. 256	..	Ramsholt, ditto.
<i>Pullastra</i> <i>oblita</i>	Phillips, t. 11, f. 15	Inferior Oolite	Blue Wicks, Yorks.
<i>recondita</i>	.. t. 9, f. 13	Great Oolite	Cloughton Wyke; Brora.
<i>Venericardia</i> <i>Brongniarti</i>	G. T. 2 ser. iii. p. 203	Sandstone	Bognor, Sussex.
<i>planicosta</i>	Min. Con. t. 50	London Clay	Stubbington, & Bracklesh.
<i>carinata</i>	.. t. 259	..	Ibid. [Bay.
<i>deltoidæ</i>	.. ..	..	Lyndhurst, Hants.
<i>oblonga</i>	.. t. 289	..	Barton Cliff.
<i>globosa</i> α	.. ..	..	Barton & Hordwell
— β	.. ..	..	Ibid. [Cliffs.
<i>acuticosta</i>	G. T. 2 ser. iii. p. 202	..	Bracklesham, Suss.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Venericardia senilis</i>	Min. Con. t. 258	Crag	Harwich, Ess. & Suff.
<i>chamæformis</i>	.. t. 490	..	Sandlands, Suffolk.
<i>orbicularis</i>	.. ..	..	Sutton, ditto
<i>scalaris</i>	.. ..	..	Ibid.
<i>Cardiacea</i>			
<i>Cardium alæforme</i>	Min. Con. t. 552	Mt. Limestone	Torquay; Arran; Queen's
<i>Hibernicum</i>	.. t. 82 & 552	..	Black Rock, Cork.
<i>elongatum</i>	.. ..	..	Bakewell, Derbysh.
<i>truncatum</i>	.. ..	Lias	Braambury Hill, N.B.
<i>multicostatum</i>	Phillips, t. 13, f. 21	..	Bilsdale, Yorkshire.
<i>acutangulum</i>	.. t. 11, f. 6	Inferior Oolite	Blue Wick & Glaize-
<i>incertum</i>	.. f. 5	..	Ibid. [dale.
<i>gibberulum</i>	.. f. 8	..	Ibid.
<i>striatulum</i>	Min. Con. t. 553	Coal of Oolite	Brora, & Ibid.
<i>cognatum</i>	Phillips, t. 9, f. 14	Great Oolite	Cloughton Wyke.
<i>semiglabrum</i>	.. f. 15	..	Ibid.
<i>citrinoidium</i>	.. t. 7, f. 7	Cornbrash	Scarborough.
<i>lobatum</i>	.. t. 4, f. 3	Coral Rag	Malton, Yorkshire.
<i>dissimile</i>	Min. Con. t. 553	Portland Oolite	Is. Portland; Brora.
<i>Hillanum</i>	.. t. 14	L. or U. Gn. Sand?	Blackdown.
<i>proboscideum</i>	.. t. 156	..	Ibid.; nr. Collumpton
<i>umbonatum</i>	.. ..	..	Blackdown.
<i>decussatum</i>	Geol. Suss. t. 25, f. 3	Chalk Marl	Hamsey, Sussex.
<i>granulosum?</i>	M. S. Geol. Norf.	Chalk	Norwich.
<i>Plumstediense</i>	Min. Con. t. 14	Plastic Clay	Plumstead, Kent.
<i>nitens</i>	.. ..	London Clay	Highgate, Middles.
<i>semigranulatum</i>	.. t. 144	..	Barton Cliff, Hants.
<i>turgidum</i>	.. t. 346	..	Ibid.
<i>porulosum</i>	.. ..	..	Ibid. & Hordwell Cl.
<i>edule</i>	Brander, f. 98	..	Ibid.
<i>Parkinsoni</i>	Min. Con. t. 49	Crag	Harwich. [ton.
<i>angustatum</i>	.. t. 283	..	Alderton; Bramer-
<i>edulinum</i>	.. ..	..	Ipswich; Bramerton
<i>Cardita striata</i>	.. t. 89	Inferior Oolite	Swanwick, Somerset
<i>abrupta</i>	.. ..	..	Ibid.
<i>lunulata</i>	.. t. 232	..	Dundry, Somerset.
<i>similis</i>	.. ..	..	Ibid.; Blue Wick.
<i>tuberculata</i>	.. t. 143	Up. Green Sand	Devizes; Lyme.
<i>margaritacea</i>	.. t. 297	London Clay	Forth Coalfd., N. B.
<i>Hiatella sulcata</i>	Fleming, p. 462	Mt. Limestone	Black Rock, Dublin.
<i>Isocardia oblonga</i>	Min. Con. t. 491	..	Cotswold Hills; Bl. Wick.
<i>rostrata</i>	.. t. 295	Inferior Oolite	Bl. Wick & Yorksh. Coast.
<i>concentrica</i>	.. t. 491	..	Cloughton Wyke.
<i>nitida?</i>	Phillips, t. 9, f. 10	Great Oolite	Scarboro', & Wilts.
<i>minima</i>	Min. Con. t. 295	Cornbrash	Kelloway's Br. Wilts.
<i>tener</i>	.. ..	Kelloway's Rock	Gristhorpe, Yorks.
<i>tumida</i>	Phillips, t. 4, f. 25	Calcareous Grit	Malton, ditto.
<i>rhomboidalis</i>	.. t. 3, f. 28	Coral Rag	Speeton, ditto.
<i>angulata</i>	.. t. 2, f. 20	Gault	Margate, Kent.
<i>similis</i>	Min. Con. t. 516	Up. Green Sand	Islington, Middlesex
<i>sulcata</i>	.. t. 295	London Clay	Shottisham, &c. Suff.
<i>Cor?</i>	.. t. 516	Crag	
<i>Arcacea</i>			
<i>Cucullæa sulcata</i>	G. T. 2 ser. iii. p. 119	Mag. Limestone	Humbleton, Durham
<i>oblonga</i>	Min. Con. t. 206	Inferior Oolite	Dundry, Somerset.
<i>elongata</i>	.. t. 447	..	Cross Hands, Glos.
<i>reticulata</i>	Phillips, t. 11, f. 18	..	Blue Wick, Yorks.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Cucullaea cancellata</i>	Phillips, t. 11, f. 44	Inferior Oolite	Blue Wick, Yorksh.
imperialis	.. t. 9, f. 19	Great Oolite	Cloughton Wyke.
<i>cylindrica</i>	.. f. 20	..	White Nab, Yorksh.
<i>minuta</i>	Min. Con. t. 447	..	Ancliff, Wiltshire.
<i>rudis</i>	.. ..	..	Ibid.
<i>concinna</i>	Phillips, t. 5, f. 9	Oxford Clay	Scarborough.
<i>contracta</i>	.. t. 3, f. 30	Coral Rag	Malton, Yorkshire.
<i>triangularis</i>	.. f. 31	..	Ibid.
<i>pectinata</i>	.. f. 32	..	Ibid.
<i>decussata</i>	Min. Con. t. 206	Low. Green Sand	Parham, Faversham
<i>glabra</i>	.. t. 67	L. or U. Gn. Sand?	Blackdown; Lyme.
<i>carinata</i>	.. t. 207	..	Ibid.
<i>fibrosa</i>	.. ..	..	Blackdown.
<i>costellata</i>	.. t. 447	..	Ibid.; Lyme; Collampton
—?	Phillips, t. 2, f. 16	Gault	Speeton, Yorkshire.
<i>Arca rostrata</i>	Mart. Derb. t. 44	Mt. Limestone	Bakewell, Derbysh.
<i>cancellata</i>	Min. Con. t. 473	..	Derbyshire.
<i>tumida</i>	.. t. 474	Mag. Limestone	Tunstall Hill, Dur.
<i>pulchra</i>	.. t. 473	Great Oolite	Ancliff, Wiltshire.
<i>quadrisulcata</i>	.. ..	Coral Rag	Malton, Yorkshire.
<i>æmula</i>	Phillips, t. 3, f. 29	..	Ibid.
<i>carinata</i>	Min. Con. t. 44	Up. Green Sand	Devizes; Lyme; Nursted
<i>subacuta</i>	.. ..	Chalk Marl	Hamsey, Sussex.
<i>depressa</i>	.. t. 474	Plastic Clay	Woolwich, Kent.
<i>duplicata</i>	.. ..	London Clay	Hordwell Cliff.
<i>Branderi</i>	.. t. 276	..	Barton Cliff.
<i>appendiculata</i>	.. ..	..	Ibid.
<i>Pectunculus minimus</i>	.. t. 472	Great Oolite	Ancliff, Wiltshire.
<i>oblongus</i>	.. ..	..	Ibid.
<i>sublaevis</i>	.. ..	L. or U. Gn. Sand?	Blackdown.
<i>umbonatus</i>	.. ..	..	Haldon Hill; Ibid.
<i>Plumstediensis</i>	.. t. 27	Plastic Clay	Plumstead, Kent.
<i>decussatus</i>	.. ..	London Clay	Highgate, Middles.
<i>costatus</i>	.. ..	..	Hordwell Cliff.
<i>scalaris</i>	.. t. 472	..	Ibid.
<i>brevirostris</i>	.. ..	..	Bognor, Sussex.
<i>pulvinatus</i>	G. T. 2 ser. iii. p. 202	..	Bracklesham, ditto.
<i>variabilis</i>	Min. Con. t. 471	Crag	Sandlands, Suffolk.
<i>Nucula Palmae</i>	.. t. 475	Mt. Limestone	Derbyshire.
<i>attenuata</i>	Fleming, p. 403	Coal Shale	Rutherglen, Lanark.
<i>gibbosa</i>	.. ..	..	Ibid.
<i>Ovum</i>	Min. Con. t. 476	Lias	Whitby.
<i>complanata</i>	Phillips, t. 12, f. 8	..	Ibid.
<i>axiformis</i>	.. t. 11, f. 13	Inferior Oolite	Blue Wick, Yorksh.
<i>claviformis</i>	Min. Con. t. 476	Unknown	Northamp.; Norf. &
<i>variabilis</i>	.. t. 475	Great Oolite	Ancliff, Wilts. [Suff.
<i>Lachryma</i>	.. t. 476	..	Ibid.; Blue Wick.
<i>mucronata</i>	.. ..	Oxford Clay	Ibid.
<i>elliptica</i>	Phillips, t. 5, f. 6	..	Scarborough.
<i>nuda</i>	.. f. 5	..	Ibid.
<i>impressa</i>	Min. Con. t. 475	Low. Green Sand	Parham; Blackdown
<i>antiquata</i>	.. ..	..	Ibid.
<i>angulata</i>	.. t. 476	L. or U. Gn. Sand?	Blackdown.
<i>ovata</i>	Geol. Suss. t. 19, f. 26	Gault	Ringmer; Folkstone.
<i>subrecurvata</i>	Phillips, t. 2, f. 11	..	Speeton, Yorkshire.
<i>pectinata</i>	Min. Con. t. 192	Chalk Marl	Dover; Ringmer, &c.
<i>undulata</i>	.. t. 554	..	Folkstone, Kent.
<i>similis</i>	.. t. 192	London Clay	Barton Cl.; Highgate

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<i>Nucula</i> <i>trigona</i>	Min. Con. t. 192	London Clay	Barton Cliff, Hants.
<i>minima</i>	Ibid.
<i>inflata</i>	.. t. 554	..	Highgate, Middles.
<i>amygdaloidea</i>	.. ..	..	Southend, Essex.
<i>deltoidea</i>	.. ..	Upper Marine	Isle of Wight.
<i>lævigata</i>	.. t. 192	Crag	Holywells, nr. Ipsw.
<i>Cobboldia</i> <i>oblonga</i>	.. t. 180	..	Ibid.; Bramerton.
	.. ..	..	Bawdsey; Postwick.
<i>Trigoniana</i>			
<i>Trigonia</i> <i>literata</i>	Phillips, t. 14, f. 11	Inferior Oolite	Brora; R. Hood's B.
<i>costata</i>	Min. Con. t. 85	..	Brora; Lt. Sodbury; Blue
<i>duplicate</i>	.. t. 237	..	Lt. Sodbury. [Wick.
<i>striata</i>	.. ..	..	Dundry; Blue Wick.
<i>angulata</i>	.. t. 508	..	Nunney; Blue Wick.
<i>imbricata</i>	.. t. 507	Great Oolite	Ancliff, Wiltshire.
<i>cuspidata</i>	.. ..	..	Ibid.
<i>Pullus</i>	.. t. 508	..	Ibid.
<i>conjugens?</i>	Phillips, p. 150	..	Bransby, Yorkshire.
<i>clavellata</i>	Townsend, t. 9	Cornbrash	Chatley; Radipole; Brora
<i>gibbosa</i> <i>α</i>	Min. Con. t. 235	Portland Oolite	Tisbury, Wiltshire.
β	.. t. 236	..	Ibid.
<i>elongata</i>	.. t. 431	..	Radipole, Dorset.
<i>spinosa</i>	.. t. 86	Low. Green Sand	Blackdn.; Pulboro; Lyme
<i>Dædalea</i>	.. t. 88	..	Parham; Haldon Hill, &c.
<i>aliformis</i>	.. t. 215	..	Parh. P.; Publ.; Petersfd.
<i>eccentrica</i>	.. t. 208	L. or U. Gn. Sand?	Blackdn.; Pulboro; Lyme
<i>spectabilis</i>	.. t. 544	..	Blackdown.
<i>scabra</i>	G. T. 2 ser. iii. p. 114	..	Lyme Regis.
<i>affinis</i>	Min. Con. t. 208	..	Parham; Haldon H.,
<i>pennata</i>	.. t. 237	..	Teignmouth. [&c.
<i>nodosa</i>	.. t. 507	..	Hythe, Kent.
<i>Axinus</i> <i>obscurus</i>	.. t. 314	Mag. Limestone	Selby; Stubbs Hill.
<i>angulatus</i>	.. t. 315	London Clay	White Cond. House, [Midd.
<i>Naiada</i>			
<i>Unio</i> <i>Urii</i>	Fleming, p. 417	Coal	Rutherglen, Lanark.
<i>subconstrictus</i>	Min. Con. t. 33	Coal Iron Stone	Woolaston, Notts.
<i>hybridus</i>	.. t. 154	Mag. Limestone	Nottinghamshire.
<i>crassissimus</i>	.. t. 153	Lias	Bath, & Wiltshire.
<i>abductus</i>	Phillips, t. 11, f. 42	..	Bilsdale, Blue Wick.
<i>crassiusculus</i>	Min. Con. t. 185	..	Pocklington, York.
<i>Listeri</i>	.. t. 154	Inferior Oolite	Durham; Whitby.
<i>concinnus</i>	.. t. 223	..	Cropredy, Oxon.
<i>uniformis</i>	.. t. 33	Great Oolite	Bath.
<i>acutus</i>	.. ..	..	Bradford, Yorksh. & Der.
<i>peregrinus</i>	Phillips, t. 7, f. 12	Cornbrash	Scarborough. [bys.
<i>orrectus</i>	Min. Con. t. 594	Tilgate Beds	Tilgate Forest, Suss.
<i>compressus</i>	.. ..	..	Ibid. [tings.
<i>antiquus</i>	.. ..	..	West Hothly; Has-
<i>cordiformis</i>	.. t. 595	..	Tilgate Forest.
<i>aduncens</i>	.. ..	..	Limfield & Bolney.
<i>Solandri</i>	.. t. 517	Lower Freshwater	Hordwell Cliff.
<i>Chamacea</i>			
<i>Diceras?</i> <i>inequirostratus</i>	M. S. Geol. Norfolk	Chalk	Norwich.
<i>Chama</i> <i>digitata</i>	Min. Con. t. 174	Kelloway's Rock	nr. Sidmouth; Hunt-
<i>crassa</i>	Smith, f. 6	Clay Upper Oolite	Stoford. [cliffe.
<i>haleotoidea</i>	Min. Con. t. 25	L. or U. Gn. Sand?	Dinton; Donhead.
<i>canaliculata</i>	.. t. 26	..	Chute Farm, Wilts.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Chama</i> <i>conica</i>	Min. Con. t. 26	L. or U. Gn. Sand?	Chute Farm, Wilts.
<i>recurvata</i>	.. ..	..	Haldon Hill, Devon.
<i>plicata</i>	.. ..	..	Ibid.
<i>squamosa</i>	.. t. 348	London Clay	Barton Cliff, Hants.
<i>Hippopodium</i> <i>ponderosum</i> β	.. t. 250	Mt. Limestone	Colebrook Dale.
<i>a</i>	.. ..	Lias	R. Hood's Bay, Pyr. [ton.]
<i>Mytilacea</i>			
<i>Modiola</i> <i>laevis</i>	Min. Con. t. 8	Mt. Limestone	Barry Isle, Glamorg.
<i>parallela</i>	.. t. 9	..	Maidstone, Kent.
<i>minima</i>	.. t. 210	..	Taunton; Belfast.
<i>Hillana</i>	.. t. 212	..	Pickeridge H.; Lyme, &c.
<i>acuminata</i>	G. T. 2 ser. iii. p. 119	Mag. Limestone	Blk. Rocks, Durham.
<i>bipartita</i> β	Min. Con. t. 210	Lias	Osmington; Brora.
<i>scalprum</i>	.. t. 248	..	Lyme; Bourton.
<i>depressa</i>	.. t. 8	..	Whitby.
<i>reniformis</i>	.. t. 211	Inferior Oolite	near Bath.
<i>cuneata</i>	.. ..	..	Scarborough; Bath.
<i>imbricata</i>	.. t. 212	..	Felmersham, &c.
<i>aspera</i>	.. ..	..	Ibid.; Blue Wick.
<i>plicata</i>	.. t. 248	..	Ibid.
<i>ungulata</i>	Phillips, p. 156	..	Blue Wick & Malton.
<i>gibbosa</i>	Min. Con. t. 211	Great Oolite	Ancliff; Bradford.
<i>anatina</i>	Smith, f. 3	Fuller's Earth	Avoncliff, Glosersh.
<i>pulchra</i>	Phillips, t. 5, f. 26	Kelloway's Rock	Scarborough.
<i>inclusa</i>	.. t. 3, f. 20	Coral Rag	Malton, Yorkshire.
<i>aliformis</i>	Min. Con. t. 251	Oolite	Sandgate, Hants.
<i>bipartita</i> α	.. t. 210	Lower Green Sand	Parham Park; Osmington
<i>æqualis</i>	.. ..	..	Ibid.
<i>pallida</i>	.. t. 8	L. or U. Gn. Sand?	Fonthill, & Brora.
<i>elegans</i>	.. t. 9	London Clay	Bognor & Highgate.
<i>subcarinata</i>	.. t. 210	..	Highgate, Middles.
<i>Pachymya</i> <i>Gigas</i>	.. t. 504	Chalk	Lyme Regis.
<i>Megalodon</i> <i>cucullatus</i>	.. t. 568	Mt. Limestone	Bradley & Torquay.
<i>Mytilus</i> <i>crassus</i>	Edin. Phil. J. xii. t. 9	Coal Shale	Cult Hills, Fife.
<i>squamosus</i>	G. T. 2 ser. iii. p. 120	Mag. Limestone	Ferrybridge, York.
<i>cuneatus</i>	Phillips, t. 11, f. 21	Inferior Oolite	Glaizedale, ditto.
<i>amplus</i>	Min. Con. t. 7	Great Oolite	C. Malford, Wilts.
<i>sublaevis</i>	.. t. 439	Cornbrash	Felmersham, Bedf.
<i>pectinatus</i>	.. t. 282	Kimmeridge Clay	Weymouth, Dorset.
<i>lanceolatus</i>	.. t. 439	Low. Green Sand	Parham; Blackdown
<i>edentulus</i>	.. ..	L. or U. Gn. Sand?	Blackdown.
<i>Brardii</i>	.. t. 532	Lower Freshwater	Hordwell Cliff.
<i>affinis</i>	.. ..	Upper Marine	Colwell Bay, I. Wight
<i>aliformis</i>	.. t. 275	Crag	Holywells, nr. Ipsw.
<i>Antiquorum</i>	.. ..	..	Woodbr., Ipswich.
<i>Pinna</i> <i>flabelliformis</i>	Mart. Derb. t. 6	Mt. Limestone	Ashford, Derbysh.
<i>folium</i>	Phillips, t. 14, f. 17	Lias	R. Hood's Bay & Boulby.
<i>cuneata</i>	.. t. 9, f. 17	Great Oolite	Cloughton Wyke.
<i>mitis</i>	.. t. 5, f. 7	Oxford Clay	Scarborough.
<i>tetragona</i> β	Min. Con. t. 313	..	Sandfoot Cas. Hants.
<i>lanceolata</i>	.. t. 281	Coral Rag	Scarborough.
<i>granulata</i>	.. t. 347	Oolite	Weymouth & Pabba.
<i>tetragona</i> α	.. t. 313	L. or U. Gn. Sand?	Devizes, Wiltshire.
<i>gracilis</i>	Phillips. t. 2, f. 22	Gault	Speeton, Yorkshire.
<i>sulcata</i>	M. S. Geol. Norfolk	Chalk	Norwich.
<i>affinis</i>	Min. Con. t. 313	London Clay	Bognor; Highgate.
<i>arcuata</i>	Highgate, Middles.

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<i>Mallacea</i>			
<i>Crenatula ventricosa</i>	Min. Con. t. 443	Lias	Bosworth; Hawsker.
<i>Listeri producta</i>	Org. Rem. iii. t. 15, f. 5 .. f. 6 & 7	Great Oolite Chalk Marl	Shotover Hill, Oxon. Shefford, Bedfords.
<i>Gervillia lata</i>	Phillips, t. 11, f. 16	Inferior Oolite	Glaizedale, Bl. Wick
<i>quadrata</i>	Min. Con. t. 492	Cornbrash	Bulwick; White Nab
<i>aviculoides</i>	.. t. 511	Lower Green Sand	Parham; Petersfd.
<i>acuta</i>	.. t. 510	..	Parh.; Collyweston.
<i>solenoides</i>	.. ..	..	I. Wight; Parham.
<i>Avicula gryphaeoides</i>	G. T. 2 ser. iii. p. 119	Mag. Limestone	Humbleton, Durh.
<i>cygnipes</i>	Phillips, t. 14, f. 3	Lias	Bilsdale; Wilton Cas.
<i>laeoleolata</i>	Min. Con. t. 512	..	Lyme Regis.
<i>echinata</i> β	.. t. 243	..	Lyme; Fretherne.
<i>inæquivalvis</i> β	.. t. 244	..	Dursley; Blue Wick.
.. γ	.. ..	..	Brora, Sutherland.
<i>Braamburiensis</i>	Phillips, t. 6, f. 6	Calcareous Grit	Stonesfield, Oxon.
<i>ovata</i>	Min. Con. t. 512	Stonesfield Slate	Stony Stratford.
<i>costata</i> γ	.. t. 244	Cornbrash	Chippingham; nr. Weym.
<i>echinata</i> α	.. t. 243	..	Kelloway's Br.; & Brora.
<i>inæquivalvis</i> α	.. t. 244	Kelloway's Rock	Malton, Yorkshire.
<i>expansa</i>	Phillips, t. 3, f. 35	Coral Rag	Ibid.
<i>ovalis</i>	.. f. 36	..	Ibid.
<i>elegantissima</i>	.. t. 4, f. 2	..	Ibid.
<i>tonspiloma</i>	.. p. 129	..	Bradford, Wilts; Winsley
<i>costata</i> δ	Min. Con. t. 244	Upper Oolite	Highgate, Middles.
<i>media</i>	.. t. 2	London Clay	Castleton; Settle.
<i>Inoceramus vetustus</i>	.. t. 584	Mt. Limestone	Whitby.
<i>dubius</i> α	.. ..	Lias Shale	Ibid.
.. β	Phillips, t. 12, f. 14	..	Lyme R.; Ringmer.
<i>gryphaeoides</i>	Min. Con. t. 584	L. or U. Gn. Sand?	Folkstone; Ringmer.
<i>sulcatus</i> β	.. t. 306	Gault	Hamsey, Sussex.
<i>tenuis</i>	Geol. Suss. p. 132	Chalk Marl	Ibid.
<i>Cripsi</i>	.. t. 27, f. 11	..	Folkstone; Lyme.
<i>concentricus</i>	Min. Con. t. 305	..	Cambridge.
<i>sulcatus</i> α	.. t. 306	..	Guildford. [mingham.
<i>pictus</i>	.. t. 604	..	Royston; Lewes; Trim.
<i>Cuvieri</i>	.. t. 441	Chalk	Hunmanby; Lewes.
<i>Brongniarti</i>	.. ..	..	Ibid.
<i>cranium</i>	Phillips, p. 119	..	Gravesend; Lewes.
<i>cordiformis</i>	Min. Con. t. 440	..	Norwich; Lewes, & Wilts
<i>mytiloides</i>	.. t. 442	..	Heytesbury; Lewes.
<i>striatus</i>	.. t. 582	..	Lewes; Dover.
<i>Lamarckii</i>	Geol. Suss. t. 27, f. 1	..	Lewes; Heytesbury.
<i>undulatus</i>	.. f. 6	..	Lewes & South-St.
<i>Websteri</i>	.. f. 2	..	Brighton & Norfolk.
<i>latus</i>	.. f. 10	..	Lewes; W. Lexham, Norf.
<i>involutus</i>	Min. Con. t. 583	..	Debden, Essex.
<i>digitatus</i>	.. t. 604	..	
<i>Pectenida</i>			
<i>Dianchora striata</i>	Min. Con. t. 80	L. or U. Gn. Sand?	Chute Farm, Wilts.
<i>lata</i>	.. ..	Chalk	Lewes.
<i>obliqua</i>	Geol. Suss. t. 25, f. 1	..	Ibid. & Brighton.
<i>Lima antiquata</i>	Min. Con. t. 214	Lias	Fretherne, Glosers.
<i>gibbosa</i>	.. t. 152	Inferior Oolite	Cotswold Hills; Taunton.
<i>proboscidea</i>	.. t. 264	..	Weym.; Glaizedale
<i>rudis</i>	.. t. 214	Coral Rag	Calne; Braamb. Hill.
<i>Plagiotoma giganteum</i>	.. t. 77	Lias	Lyme; Pocklington.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Plagiostoma punctatum</i>	Min. Con. t. 113	Lias	Pickeridge Hill; Barry I.
<i>pectenoides</i>	.. t. 114	..	Pickeridge H. Devon
<i>concentricum</i>	.. t. 559	..	Ross & Cromarty.
<i>interstinctum</i>	Phillips, t. 7, f. 14	Great Oolite	Whitwell, Yorksh.
<i>ovale</i>	Min. Con. t. 114	..	Sm. Cossall, nr. Bath
<i>rigidulum</i>	Phillips, t. 7, f. 13	Cornbrash	Scarborough.
<i>obscurum</i>	Min. Con. t. 114	Kelloway's Rock	Kelloway's Bridge.
<i>cardiiforme</i>	.. t. 113	..	P. France, Glost.; Norw.
<i>obliquatum</i>	G. T. 2 ser. ii. p. 319	Calcareous Grit	Braamb. Hill, Brora.
<i>laeviusculum</i>	Min. Con. t. 382	Coral Rag	Malton, Yorkshire.
<i>duplicatum</i>	.. t. 559	..	Ibid.; Dunrobin.
<i>rigidum</i>	.. t. 114	..	Shotover Hill, Oxon.
<i>rusticum</i>	.. t. 381	..	Ibid.
<i>Mantelli</i>	G. T. 2 ser. ii. p. 112	Upper Green Sand	Lyme Regis.
<i>elongatum</i>	Min. Con. t. 559	..	Folkstone; Hamsey.
<i>asperum</i>	Geol. Suss. t. 26, f. 18	Chalk Marl	Hamsey, Sussex.
<i>Brightoniense</i>	.. t. 25, f. 15	Chalk	Brighton.
<i>Hoperi</i>	Min. Con. t. 380	..	Lewes; Norwich.
<i>spinosum</i>	.. t. 78	..	Ibid.
<i>muricatum</i>	.. ..	..	Swaffham, Norfolk.
<i>Sphaera corrugata</i>	.. t. 334	Lower Green Sand	Sandown, Hants.
<i>Pecten plicatus</i>	.. t. 574	Mt. Limestone	Black Rock, Queen's
<i>granosus</i>	.. ..	..	Ibid. [County. Scotland.
<i>dissimilis</i>	Fleming, p. 387	..	N. Owram, Yorksh.
<i>papyraceus</i>	Min. Con. t. 354	Coal	Bilsdale, ditto.
<i>sublaevis</i>	Phillips, t. 14, f. 5	Lias	Hebrides; Whitby.
<i>cygnipes</i>	G. T. 2 ser. ii. p. 322	..	Ilminster, Cherington, &c.
<i>aequivalvis</i>	Min. Con. t. 136	Inferior Oolite	Blue Wick, Yorksh.
<i>virguliferus</i>	Phillips, t. 11, f. 20	..	Castle Comb, Wilts.
<i>rigidus</i>	Min. Con. t. 205	Forest Marble	Oxon; Bilsdale; Brora.
<i>Lens</i>	.. ..	..	Stonesfield, Oxon.
<i>obscurus</i>	.. ..	Stonesfield Slate	Chatley; N. Leach; Brora.
<i>fibrosus</i>	.. t. 136	Cornbrash	Chatley, Somerset.
<i>laminatus</i>	.. t. 205	..	Felmersham, Bedf.
<i>annulatus</i>	.. t. 545	..	Shotover Hill, Oxon.
<i>similis</i>	.. t. 205	Coral Rag	Dundry, Somerset.
<i>barbatus</i>	.. t. 231	..	Hornastle, Lincoln.
<i>cinctus</i>	.. t. 371	..	Malton & Glaizedale
<i>abjectus</i>	Phillips, t. 9, f. 37	..	Ibid.
<i>inæquicostatus</i>	.. t. 4, f. 10	..	Ibid.
<i>cancellatus</i>	.. p. 129	..	Ibid.
<i>demissus</i>	.. t. 6, f. 5	..	Ibid.
<i>vimineus</i>	Min. Con. t. 543	..	Malton; Brora.
<i>vagans</i>	.. ..	..	Ibid.; Ancliff.
<i>arcuatus</i> β	.. t. 205	..	Calne, Wiltshire.
<i>lamellosus</i>	.. t. 239	..	Chicks Grove, Thame.
<i>quadrifcostatus</i>	.. t. 56	Lower Green Sand	Parh; Chute F.; Haldon H.
<i>obliquus</i>	.. t. 370	..	Parham; Warminster.
<i>arcuatus</i> α	.. t. 205	L. or U. Gn. Sand	Devizes.
<i>asper</i>	.. t. 370	..	Horningsham; Lyme
<i>triplicatus</i>	Geol. Suss. t. 25, f. 9	Gault	Hamsey, Sussex.
<i>quinquecostatus</i>	Min. Con. t. 56	Upper Green Sand	Chute Farm; Lyme.
<i>orbicularis</i>	.. t. 186	..	Deviz; Nursted; Petersfd.
<i>Beaveri</i>	.. t. 158	Chalk	Childrey; Norwich.
<i>nitidus</i>	.. t. 394	..	Brighton; Norwich.
<i>sexcostatus</i>	M. S. Geol. Norfolk	..	Norwich.
<i>radiatus</i>	.. ..	..	Ibid.
<i>concentricus</i>	.. ..	..	Ibid.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Pecten</i> <i>corneus</i>	Min. Con. t. 204	London Clay	Stubbington, Hants.
carinatus	.. t. 575	..	Barton Cliff, &c.
duplicatus	.. ..	..	Hyde Park.
complanatus	.. t. 586	Crag	Aldborough, Suff.
sulcatus	.. t. 393	..	Ibid.; Thorpe, Norf.
gracilis	.. ..	..	Holywells, nr. Ipsw.
striatus	.. t. 394	..	Ibid., Woodbridge.
obsoletus α	.. t. 541	..	Sutton, Suffolk.
— β	.. ..	..	Ibid.
— γ	.. ..	..	Ibid.
<i>Princeps</i>	.. t. 542	..	Ramsholt, Suffolk.
grandis	.. t. 585	..	Ibid. & Newbourn.
reconditus	.. t. 575	..	Thorpe; Stubbington
dentatus	.. t. 574	Unknown	Bugbrooke, Nthamp.
<i>Plicatula</i> <i>spinosa</i>	.. t. 245	Lias	R. Hood's Bay; Hebrides.
pectenoides	.. t. 409	Gault	Cambridge; Hamsey
inflata	.. ..	Chalk Marl	Ibid.
<i>Podopsis</i> <i>truncata</i>	G. T. 2 ser. ii. p. 112	L. or U. Gn. Sand?	Lyme Regis.
<i>Ostracea</i>			
<i>Gryphæa</i> <i>incurva</i>	Org. Rem. iii. t. 15, f. 3	Lias	[l]ington.
depressa	Phillips, t. 14, f. 7	..	Lyme; Bath; Pock-
obliquata	Min. Con. t. 112	..	Bilsdale, Yorkshire.
<i>Maccullochii</i>	.. t. 547	..	Lyme; Hebrides.
<i>gigantea</i>	.. t. 391	Inferior Oolite	Braunston; & Ibid.
<i>dilatata</i>	.. t. 149	..	Ilminster; Hebrides
<i>minuta</i>	.. t. 547	Great Oolite	Braambury H. Suth.
<i>Columba</i> β	.. t. 383	Fuller's Earth	Anciliff, Wiltshire.
chamaeformis	Phillips, p. 135	Calcareous Grit	Northamptonshire.
bullata	Min. Con. t. 368	Coral Rag	Hackness, Yorksh.
nana	.. t. 383	..	Horncastle; Brora.
sinuata	.. t. 336	Lower Green Sand	Shotover H.; Braamb. H.
vesiculosa	.. t. 369	Upper Green Sand	Speeton; Ashford.
<i>Columba</i> α	.. t. 383	..	Warminter; Hamsey
globosa	.. t. 392	Chalk	Lyme & Northamp.
<i>Exogyra</i> <i>conica</i>	.. t. 605	L. or U. Gn. Sand?	Norwich; Lewes.
undata	.. ..	..	Folkstone; Parham.
lævigata	.. ..	..	Blackdown.
difformis	.. ..	Chalk	Ireland.
<i>Ostrea</i> <i>laeviuscula</i>	.. t. 488	Lias	Swaffham, Norfolk.
Marshii	.. t. 48	Inferior Oolite	Felmersham, Bedf.
palmetta	.. t. 111	..	Marston, nr. Oxford.
acuminata	.. t. 135	..	Bath.
solitaria	.. t. 468	..	Glaizedale, Bl. Wick
<i>Meadii</i>	.. t. 252	Great Oolite	Somersetshire.
obscura	.. t. 488	..	Anciliff, Wiltshire.
costata	.. ..	..	Ibid.
sulcifera	Phillips, t. 9, f. 35	..	Westow, Yorkshire.
undosa	.. t. 6, f. 4	Kelloway's Rock	Scarborough.
archetypa	.. f. 9	..	Ibid.
inæqualis	.. t. 5, f. 13	Oxford Clay	Ibid.
gregaria	Min. Con. t. 111	Coral Rag	Devizes, Wiltshire.
<i>Crista-galli</i>	Smith, f. 4	..	Shotover; Longleat.
<i>duriuscula</i>	Phillips, t. 4, f. 1	..	Malton, Yorkshire.
<i>deltoidea</i>	Min. Con. t. 148	Kimmeridge Clay	Weymouth; Brora.
expansa	.. t. 238	Oolite	Tisbury.
solitaria	.. t. 468	..	Weymouth.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Ostrea macroptera</i>	Min. Con. t. 468	Iron Sand	Folkstone, Kent.
carinata	.. t. 365	Upper Green Sand	Chute F.; Southbn.; Lyne
canaliculata	.. t. 135	Chalk	Trimmingham; Lewes.
semiplana	.. t. 489	..	Lewes; Norwich.
alæformis	M. S. Geol. Norfolk	..	Norwich.
tricarinata	.. ..	..	Ibid.
digitata	.. ..	..	Ibid.
undulata	Min. Con. t. 238	Plastic Clay	Farley, Wiltshire.
tener	.. t. 252	..	Charlton, Kent.
Bellovacina	.. t. 388	..	bet. Charl. & Wool-
edulina	.. ..	..	Ibid. [wich.
pulchra	.. t. 279	..	Bromley; Plaistow.
gigantea	.. t. 64	..	Barton & Hordw. Cl.
Flabellula	.. t. 253	..	Ibid.
dorsata	.. t. 489	..	Hordwell Cliff.
cymbula	König. Icon. 90	..	Ibid.
oblonga	Brander, f. 83	..	Ibid.
spectrum	Leathes M. S.	Crag	Ramsholt, Suffolk.
<i>Hinnites Dubuissoni</i>	Min. Con. t. 601	..	Ibid.
<i>Anomia striata</i>	.. t. 425	L. or U. Gn. Sand?	Bognor, Sussex.
lineata	.. ..	London Clay	Barton Cliff, Hants.
<i>Rudista</i>			
<i>Crania Parisiensis</i>	Min. Con. t. 408	Chalk	Norwich; Brighton.
striata	.. —	..	Swaffham, Norfolk.
<i>Brachiopoda</i>			
<i>Orbicula reflexa</i>	Min. Con. t. 506	Lias	Whitby.
granulata	.. ..	Great Oolite	Ancliff, Wiltshire.
Humphriesiana	.. ..	Oxford Clay	Shotover Hill, Oxon.
radiata	Phillips, t. 4, f. 12	Coral Rag	Malton, Yorkshire.
<i>Terebratula acuminata</i> α	Min. Con. t. 324	Mt. Limestone	Buxton; Scalebar; Cork.
lineata	.. t. 335	..	Castleton, Derbysh.
imbricata	.. ..	..	Ibid.; Settle.
Sacculus	.. t. 446	..	Middleton, Matlock.
crumena	.. t. 83	..	Winster; Lyme.
Pugnus α	.. t. 497	..	Croom, Derbyshire.
affinis	.. t. 324	..	Malvern H. & Dudley
Wilsoni	.. t. 118	..	Mordiford, Heref.
platyloba	.. t. 496	..	Clithero, Lancash.
acuminata β	.. t. 495	..	Ibid.
γ	.. ..	..	Ibid. & Ireland.
porrecta	.. t. 576	..	Bradley & Torquay.
lateralis	.. t. 83	..	Black R. Cork; Dub-
Mantiæ	.. t. 277	..	Ireland. [lin.
cordiformis	.. t. 495	..	Ibid.
reniformis	.. t. 496	..	Dublin & Cork.
Pugnus β	.. t. 497	..	Ireland.
hastata	.. t. 446	..	Bristol; Cork.
resupinata β	.. t. 325	Coal	Dovedale, Derbysh.
indentata	.. t. 445	Mag. Limestone	Banbury, Oxon.
ornithocephala	.. t. 101	Lias	Lyme; Chatley.
obovata	.. ..	..	Chatley, Somerset.
orbicularis	.. t. 535	..	Weston, near Bath.
lampas	.. t. 101	..	Lyme Regis.
serrata	.. t. 503	..	Ibid.
punctata	.. t. 15	..	Hornton; Hebrides.
acuta β	.. t. 502	..	Cheltenham; Bilsdale.
trilineata	Phillips, t. 162	..	Whitby & Coldmoor.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Terebratula</i> <i>bidens</i>	Phillips, t. 13, f. 24	Lias	Wilton Castle & Staithes.
<i>triplicata</i>	.. f. 22	..	Ibid.
<i>resupinata</i> <i>α</i>	Min. Con. t. 150	Inferior Oolite	Ilminster; Wilton C.
<i>acuta</i> <i>α</i>	.. ..	..	Ibid.; Staunton Hill.
<i>perovalis</i>	.. t. 436	..	Dundry, Somerset.
<i>Fimbria</i>	.. t. 326	..	Charlton, & nr. Cheltenh.
<i>plicatella</i>	.. t. 503	..	Chideock, Dorset.
<i>bullata</i>	.. t. 435	..	Nunney, Somerset.
<i>emarginata</i>	.. ..	..	Ibid.
<i>globata</i>	.. t. 436	..	Ibid.
<i>maxillata</i>	.. ..	..	Ibid.
<i>tetraedra</i>	.. t. 83	Fuller's Earth	Aynho; Banbury; Hebr.
<i>media</i>	.. ..	..	Aynho; Bath; Dun-
<i>concinna</i>	.. ..	..	Aynho. [robin.
<i>obsoleta</i>	.. ..	..	Felmersham; Glaizedale.
<i>digona</i>	.. t. 96	Great Oolite	Bath; Bradford.
<i>spinosa</i>	Phillips, t. 9, f. 18	..	Ibid.
<i>aspera</i>	König. Icon. 219	..	Ibid.
<i>coarctata</i>	Min. Con. t. 312	..	Hinton & Hampton
<i>reticulata</i>	.. ..	..	Frome. [Down.
<i>sphaeroidalis</i>	.. t. 435	..	Dundry, Somerset.
<i>cornuta</i>	.. t. 446	..	Ilminster, ditto.
<i>triquetra</i>	.. t. 445	..	Felmersham, Bedf.
<i>Flabellula</i>	.. t. 535	..	Ancliff, Wiltshire.
<i>furcata</i>	.. ..	..	Ibid.
<i>hemispherica</i>	.. t. 536	..	Ibid.
<i>inconstans</i>	.. t. 277	Oxford Clay	Oxford; Skye; Sutherld.
<i>socialis</i>	Phillips, t. 6, f. 8	Calcareous Grit	Scarborough.
<i>ovoides</i>	Min. Con. t. 100	..	Brora, Sutherland.
<i>SELLA</i>	.. t. 437	Upper Oolite	Chart & Hythe, Kent
<i>lata</i>	.. t. 502	Lower Green Sand	Devizes; Parham.
<i>depressa</i>	.. ..	L. or U. G. Sand?	Farringdon, Berks.
<i>pectita</i>	.. t. 138	..	Horningsham, Wilts.
<i>bucculenta</i>	.. t. 438	..	Malton, Yorkshire.
<i>dimidiata</i>	.. t. 277	..	Haldon Hill, Devon.
<i>nuciformis</i>	.. t. 502	..	Farringdon, Berks.
<i>oblonga</i>	.. t. 535	..	Ibid.; Sandgate.
<i>truncata</i>	.. t. 537	..	Farringdon.
<i>Gibbsii</i>	.. ..	..	Folkstone.
<i>obtusa</i>	.. t. 437	Gault	Cambridgeshire.
<i>lineolata</i>	Phillips, t. 2, f. 27	..	Speeton, Yorkshire.
<i>ovata</i>	Min. Con. t. 15	Upper Green Sand	Chute F.; Parham.
<i>intermedia</i>	.. ..	..	Chute F.; Warminst.
<i>biplicata</i>	.. t. 90	..	Chute F.; Camb. &c.
<i>Lyra</i>	.. t. 138	..	Chute Farm, Wilts.
<i>subglobosa</i> , jun.	Phillips, p. 120	Red Chalk	Speeton, Yorkshire.
<i>squamosa</i>	Geol. Suss. p. 132	Chalk Marl	Hamsey, Sussex.
<i>Pisum?</i>	Min. Con. t. 536	..	Ibid.
<i>striatula</i>	.. ..	..	Ibid.; Norwich.
<i>rostrata</i>	.. t. 537	..	Hamsey.
<i>Mantelliana</i>	.. ..	..	Ibid.
<i>obesa</i>	.. t. 438	Chalk	Norton Bavant, Wilts.
<i>subundata</i>	.. t. 15	..	Warminster; Lewes.
<i>semiglobosa</i>	.. ..	..	Warminster.
<i>subrotunda</i>	.. ..	..	Norwich; Hamsey; Lyme.
<i>carnea</i>	.. ..	..	Norwich; Lewes.
<i>elongata</i>	.. t. 435	..	Ibid.
<i>plicatilis</i>	.. t. 118	..	Northfleet, & Ibid.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Terebratula octoplicata</i>	Min. Con. t. 118	Chalk	Lewes; Norwich.
subplicata	Geol. Suss. t. 26, f. 5	..	Ibid.; Offham.
<i>Gallina</i>	M. S. Geol. Norfolk	..	Norwich.
<i>Gervillii</i>	..	..	Ibid.
<i>rigida</i>	Min. Con. t. 536	..	Trimmingham, Norf.
<i>obliqua</i>	.. t. 277	..	Ramsgate; Norwich.
<i>pentagonalis</i>	Phillips, t. 1, f. 17	..	Dane's Dike, Yorks.
<i>variabilis</i>	Min. Con. t. 576	Crag	Harwich, Essex.
<i>Lingula mytiloides</i>	.. t. 19	Mt. Limestone	Wolsingham, Durh.
—————?	Fleming, p. 368	Coal	Rutherglen, Lanark.
<i>Beanii</i>	Phillips, t. 11, f. 24	Inferior Oolite	Blue Wick, Yorksh.
<i>tenuis</i>	Min. Con. t. 19	London Clay	Bognor, Sussex.
<i>ovalis</i>	.. ..	Unknown	Suffolk.
<i>Producta depressa</i>	.. t. 459	Trans. Limestone	Dudley, Worcester.
<i>longispina</i>	.. t. 68	Mt. Limestone	Kilbride, Lanark.
<i>spinulosa</i>	.. ..	..	Linlithgow.
<i>Flemingii</i>	.. ..	..	Livingstone, Linlith.
<i>spinosa</i>	.. t. 69	..	Ibid.; Arran; Humbleton
<i>Scotica</i>	.. ..	..	Arran & Linlithgow.
<i>aculeata</i>	.. t. 68	..	Bakewell, Derbysh.
<i>gigantea</i>	.. t. 320	..	Ibid. & Yorkshire.
<i>scabriuscula</i>	.. t. 69	..	Mill Dale, Derb. & Arran.
<i>Martini</i> α	.. t. 317	..	Ashford & Arran.
<i>lobata</i> α	.. t. 318	..	Derbyshire.
<i>crassa</i>	Mart. Derb. t. 16	..	Buxton, Derbysh.
<i>striata</i>	.. t. 22	..	Croom, ditto.
<i>semireticulata</i>	.. t. 32	..	Derbyshire.
<i>antiquata</i>	Min. Con. t. 317	..	Ibid. & Stockton.
<i>sulcata</i>	.. t. 319	..	Derbyshire.
<i>personata</i>	.. t. 321	..	Ibid.
<i>punctata</i>	.. t. 323	..	Buxton & Cork.
<i>fimbriata</i>	.. t. 459	..	Derbyshire.
<i>plicatilis</i>	.. t. 459	..	Ibid.
<i>horrida</i>	.. t. 319	..	Humbleton; Arran.
<i>hemispherica</i>	.. t. 328 & 561	..	Mynydd-careg, Carmarth.
<i>comoides</i>	.. t. 329	..	Llangaveni, Angles.
<i>latissima</i>	.. t. 330	..	Puffin's Is. & Arran.
<i>Martini</i> β	.. t. 317	Coal	Barn River, Yorksh.
<i>concinna</i>	.. t. 318	..	Richmond & Derbys.
<i>lobata</i> β	.. ..	..	Clifton; Cumb. & Arran.
<i>costata</i>	.. t. 560	..	Glasgow.
<i>calva</i> α	.. ..	Mag. Limestone	Tanfield; Humbleton.
————— β	.. ..	..	E. Thickley & Ibid.
<i>humerosa</i>	.. t. 322	..	Bredon, Derbyshire.
<i>Magas pumila</i>	.. t. 119	Chalk	Trimmingham Cliff,
<i>magna</i>	M. S. Geol. Norfolk	..	Ibid. [Norf. Norwich.
<i>punctata</i>	.. ..	..
<i>Spirifer</i> <i>Martini</i>	Mart. Derb. t. 36	Mt. Limestone	Castleton & nr. Bris-
<i>cuspidatus</i> α	Min. Con. t. 120	..	Ibid. [tol.
<i>trigonalis</i>	.. t. 265	..	Cavedale & Overton.
<i>triangularis</i>	Mart. Derb. t. 36	..	Buxton, Derbysh.
<i>resupinatus</i> α	.. t. 49	..	Dovedale, ditto.
<i>undulatus</i>	Min. Con. t. 562	..	Arran; E. Thickley.
<i>octoplicatus</i> ?	.. t. 325	..	Ibid.
<i>glaber</i>	.. t. 269	..	Chelmerton & Ireld.
<i>striatus</i>	.. t. 270	..	Bakewell; Arran; Cork.
<i>ambiguus</i>	.. t. 376	..	Ibid.
<i>minimus</i>	.. t. 377	..	Ibid.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Spirifer obtusus</i>	Min. Con. t. 269	Mt. Limestone	Scalebar, Yorkshire
lineatus	.. t. 493	..	Dudley, Worcester.
cuspidatus β	.. t. 461	..	Bristol.
oblates	.. t. 268	..	[Derbysh. Axton Quarry, Flintsh. &
pinguis	.. t. 271	..	Black Rock, Ireland.
attenuatus	.. t. 493	..	Black Rock, Dublin.
bisulcatus	.. t. 494	..	Ibid.
distans	.. ..	..	Ibid.
rotundatus	.. t. 461	..	Torquay; Limerick.
<i>Urii</i>	Fleming, p. 376	..	Rutherglen, Lanark.
exaratus	.. ..	..	West Lothian.
decurrens β	G. T. 2 ser. iii. p. 164	Mag. Limestone	Torquay, Devon.
multiplicatus	.. p. 119	..	Humbleton, Tunstall Hill.
minutus	.. ..	..	Ibid.
<i>Walcottii</i>	Min. Con. t. 377	Lias	Bath; Hebrides.
<i>Pentamerus Knightii</i>	.. t. 28	Trans. Limestone	Downton, Wiltshire.
lævis	.. ..	Mt. Limestone	Bilswas, Salop.
<i>Aylesfordii</i>	.. t. 29	..	Colebrook D.; Croft
			[Amberg.]

MOLLUSCA GASTEROPODA

Phyllidiana

<i>Chiton octovalvis</i> ?	M. S. Nor. Crag	Crag	Thorpe, Norwich.
<i>Patella lævis</i>	Min. Con. t. 139	Lias	Whitby.
rugosa	.. ..	Inferior Oolite	Minchin-Hampton.
latissima	.. ..	Coal of Oolite	Bolingbroke, Linc.
ancyloides	.. t. 484	Great Oolite	Ancliff, Wiltshire.
<i>Nanus</i>	.. ..	..	Ibid.
<i>lata</i>	.. ..	Forest Marble	Stonesfield, Oxon.
<i>locris</i>	Geol. Eng. p. 129	L. or U. Gn. Sand?	Blackdown.
<i>striata</i>	Min. Con. t. 389	London Clay	Stubbington, Hants.
<i>æqualis</i>	.. t. 139	Crag	Holywells, nr. Ipsw.
<i>unguis</i>	.. ..	..	Ibid.
<i>ferruginea, jun.</i>	M. S. Nor. Crag	..	Bramerton, Norf.

Calyptraciana

<i>Emarginula tricarinata</i>	Min. Con. t. 519	Great Oolite	Ancliff, Wilts.
scalaris	.. ..	..	Ibid.
crassa	.. t. 33*	Crag	Ipswich.
reticulata	.. ..	..	Holywells, nr. ditto.
<i>Fissurella clathrata</i>	.. t. 519	Great Oolite	Ancliff.
græca ?	.. t. 483	Crag	Ipswich.
<i>Pileopsis vetusta</i>	.. t. 607	Mt. Limestone	Queen's Co. & Pres.
tubifera	.. ..	..	Ibid. [ton.]
<i>Pileolus plicatus</i>	.. t. 432	Great Oolite	Ancliff; Hinton.
lævis	.. ..	..	Ibid.
<i>Calyptrea trochiformis</i>	Geol. T. ii. p. 204	London Clay	Hordwell Cliff.
Sinensis	Org. Rem. iii. t. 5, f. 10	Crag	Harwich, Essex.
<i>Ancylus elegans</i>	Min. Con. t. 533	Fresh Water	Hordwell Cliff.
<i>Infundibulum echinulatum</i>	.. t. 97	Plastic Clay	Plumstead, Kent.
obliquum	.. ..	London Clay	Barton Cliff, Hants.
tuberculatum	.. ..	..	Ibid.
spinulosum	.. ..	..	Ibid.
rectum	.. ..	Crag	Holywells, nr. Ipsw.
tenerum	M. S. Nor. Crag	..	Postwick, Norfolk.

Bullæana

<i>Bulla elongata</i>	Phillips, t. 4, f. 7	Coral Rag	Scarborough.
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CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Bulla constricta</i>	Min. Con. t. 464	London Clay	Barton Cliff, Hants.
<i>elliptica</i>	.. ..	..	Ibid.
<i>attenuata</i>	.. ..	..	Hordwell Cliff.
<i>filosa</i>	.. ..	..	Ibid.
<i>acuminata</i>	.. ..	..	Ibid.
<i>convoluta</i>	.. ..	Crag	Sutton, &c. Suffolk.
<i>minuta</i>	M. S. Nor. Crag	..	Bramerton, Norf.
TRACHELIPODA			
<i>Colimacea</i>			
<i>Helix</i> ? <i>striata</i>	Min. Con. t. 171	Mt. Limestone	Derbyshire.
? <i>cirriformis</i>	.. ..	..	Ibid.
<i>carinata</i>	.. t. 10	..	Settle, Yorkshire.
<i>pusilla</i>	Mart. Derb. t. 52	Coal Iron Stone	Chesterfield, Derb.
<i>Gentii</i>	Min. Con. t. 145	U. or L. Gn. Sand?	Devizes.
<i>laevis</i>	Geol. Suss. t. 18, f. 19	Plastic Clay	Newhaven, Sussex.
<i>globosa</i>	Min. Con. t. 170	Lower Freshwater	Shalcombe, I. Wight.
<i>Helicina compressa</i>	.. t. 10	Lias	Leicestershire.
<i>expansa</i>	.. t. 273	..	Lyme Regis, Dorset.
<i>solaroides</i>	.. ..	..	Ibid.
<i>polita</i>	.. t. 285	Inferior Oolite	Cropredy, Oxon.
<i>Bulimus ellipticus</i>	.. t. 337	Upper Freshwater	Shalcombe, I. Wight.
<i>costellatus</i>	.. t. 366	..	Ibid.
<i>Auricula Sedgevici</i>	Phillips, t. 11, f. 33	Inferior Oolite	Blue Wick, Yorksh.
<i>incrassata</i>	Min. Con. t. 163	L. or U. Gn. Sand?	Blackdown; Stoneham; &
<i>obsoleta</i>	Phillips, t. 2, f. 40	Gault	Speeton. [Lyme.
<i>turgida</i>	Min. Con. t. 163	London Clay	Highgate, Middles.
<i>simulata</i>	.. ..	..	Barton; Highgate.
<i>pyramidalis</i>	.. t. 379	Crag	Bramerton; Ipswich
<i>ventricosa</i>	.. t. 465	..	Ipswich.
<i>buccinea</i>	.. ..	..	Ramsholt, Suffolk.
<i>Lymnaeana</i>			
<i>Planorbis equalis</i>	Min. Con. t. 140	Mt. Limestone	Kendal, Westmorel.
<i>radiatus</i>	.. ..	L. or U. Gn. Sand?	Haldon Hill, Devon.
<i>hemistomus</i>	.. ..	Plastic Clay	Plumstead, Kent.
<i>cylindricus</i>	.. ..	Lower Freshwater	Isle of Wight.
<i>obtusus</i>	.. ..	..	Ibid.
<i>lens</i>	.. ..	..	Ibid.
<i>euomphalus</i>	.. ..	..	Ibid. & Bath.
<i>Lymnea fusiformis</i>	.. t. 169	..	Headon Hill, Isle of
<i>minima</i>	.. ..	..	Ibid. [Wight.
<i>maxima</i>	.. t. 528	..	Binstead, Is. Wight.
<i>longiscata</i>	.. t. 343	..	Headon Hill.
<i>pyramidalis</i>	.. t. 528	..	Ibid.
<i>columellaris</i>	.. ..	..	Hordwell Cliff.
<i>Rissoa laevis</i>	.. t. 609	Great Oolite	Ancliff, Wiltshire.
<i>acuta</i>	.. ..	..	Ibid.
<i>obliquata</i>	.. ..	..	Ibid.
<i>duplicata</i>	.. ..	..	Ibid.
<i>Melaniana</i>			
<i>Melania constricta</i>	Min. Con. t. 218	Mt. Limestone	Buxton & Tideswell.
<i>striata</i>	.. t. 47	Lias	Lymington, Hants.
<i>lineata</i>	.. t. 218	Inferior Oolite	Dundry; Blue Wick.
<i>vittata</i>	Phillips, t. 7, f. 15	Cornbrash	Scarborough.
<i>Heddingtonensis</i>	Min. Con. t. 39	Coral Rag	Heddington; Brora.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Melania</i> attenuata	An. Phil. 1824, p. 376	Weald Clay	Swanage Bay, Is. of
tricarinata	..	..	Ibid. [Wight.
sulcata	Min. Con. t. 39	London Clay	Stubbington Cliff.
costata	.. t. 241	..	Hordwell Cliff.
minima	.. ..	..	Brackenhurst, Hants
truncata	.. ..	..	Ibid.
costellata	Brander, f. 27	..	Bracklesham, Suss.
fasciata	Min. Con. t. 241	Lower Freshwater	Isle of Wight.
<i>Melanopsis</i> carinata	.. t. 523	..	Newport, Is. Wight.
brevis	.. ..	..	Hordwell, &c. Hants
fusiformis	.. t. 332	Upper Marine	Is. Wight; Woolwich
subulata	.. ..	..	Ibid.
<i>Peristomiana</i>			
<i>Paludina</i> carinifera	Min. Con. t. 509	Purbeck Beds	Hollington, Sussex.
elongata	.. ..	Weald Clay	I. Wight; Cooksbr.
vivipara	.. t. 31	..	Farnham & Sussex.
extensa	.. ..	L. or U. Gn. Sand?	Blackdown.
lenta	.. ..	London Clay	Hordw. & Barton Cl.
concinna	.. ..	..	Barton Cliff, Hants.
suboperta	.. ..	Crag	Holywells, nr. Ipsw.
<i>Ampullaria</i> nobilis	.. t. 522	Mt. Limestone	Black Rock, Queen's
helicoidea	.. ..	..	Ibid. [Co.
canaliculata	Geol. Suss. t. 19, f. 13	Gault	Ringmer; Bletchingley.
<i>Ambulacrum</i>	Min. Con. t. 372	London Clay	Hordw. & Stubbington Cl.
acuta	.. t. 284	..	Christchurch, Hants
patula	.. ..	..	Barton Cliff, ditto.
sigaretina	.. ..	..	Bognor, Sussex.
<i>Neritacea</i>			
<i>Neritina</i> uniplicata	Min. Con. t. 385	Plastic Clay	Charlton & Plumstead.
concava β	.. ..	..	Charlton & I. Wight.
— α	.. ..	London Clay	Highgate & Muddiford.
<i>Nerita</i> striata	Fleming, p. 319	Mt. Limestone	Corry, Arran.
spirata	Min. Con. t. 463	..	Bristol & Derbysh.
levigata	.. t. 217	Inferior Oolite	Dundry & Sutherl.
minuta	.. t. 463	Great Oolite	Ancliff, Wiltshire.
costata	.. ..	..	Ibid.; Blue Wick.
sinuosa	.. t. 217	Portland Oolite	Chilmark, Wilts.
globosa	.. t. 424	London Clay	Barton Cliff, Hants.
aperta	.. ..	..	Colwell Bay, I. Wight
<i>Natica</i> tumidula	Phillips, t. 11, f. 25	Inferior Oolite	Bl. Wick & Somerset.
adducta	f. 35	..	Blue Wick.
arguta	..	Coral Rag	Malton, Yorkshire.
nodulata	Smith, f. 2	..	Ibid.
cincta	Phillips, p. 130	..	Ibid.
canrena?	.. t. 4, f. 9	..	Parham; Blackdn.
<i>Hantoniensis</i>	Org. Rem. iii. t. 6, f. 2	Lower Green Sand	Barton Cliff.
similis	Lin. Tr. vii. t. 11, f. 10	London Clay	Bognor; Highgate.
glaucinoides α	Min. Con. t. 5	..	Ibid.
striata	.. ..	..	Barton Cliff.
sigaretina	.. t. 373	..	Diluvium of Suffolk.
depressa	.. t. 479	Unknown	Woodbridge, Suff.
hemicaula	.. t. 5	Crag	Ibid.
cirriformis	.. t. 479	..	Holywells, nr. Ipsw.
patula	.. ..	..	Ibid.
glaucinoides β	.. t. 373	..	Postwick & Suffolk.
<i>Macrostromiana</i>			
<i>Sigaretus</i> canaliculatus	Min. Con. t. 384	London Clay	Hordwell, Hants.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
Plicacea			
<i>Acteon</i> glaber	Phillips, t. 9, f. 31	Inferior Oolite	Blue Wick, Yorksh.
humeralis	.. t. 11, f. 34	..	Ibid.
cuspidatus	Min. Con. t. 455	Great Oolite	Ancliff, Wiltshire.
acutus	..	..	Ibid.
retusus	Phillips, t. 4, f. 27	Calcareous Grit	Scarborough.
crenatus	Min. Con. t. 460	London Clay	Barton Cliff, Hants.
elongatus	..	..	Ibid.
Noæ	.. t. 374	Crag	Walton ; Postwick.
striatus	.. t. 460	..	Walton, Essex.
Scalariana			
<i>Vermetus</i> polygonalis	Min. Con. t. 596	Lower Green Sand	Sandgate, Kent.
Bognoriensis	.. ..	L. or U. Gn. Sand?	Bognor; Sheppey.
<i>Vermicularia</i> concinna	..	Inferior Oolite	Robin Hood's Bay.
nodus	Phillips, t. 9, f. 34	Great Oolite	Westow, Yorkshire.
compressa	.. t. 4, f. 17	Coral Rag	Scarboro & Bl. Wick.
tumida	Min. Con. t. 596	..	Scarborough.
ovata	.. t. 57	Upper Oolite	Shotover Hill, Oxon.
concava	.. ..	Lower Green Sand	Dilton ; Pulborough.
umbonata	.. ..	Gault	Hamsey, Sussex.
Sowerbii	Phillips, t. 2, f. 29	..	Ibid.; Speeton.
<i>Scalaria</i> acuta	Min. Con. t. 16 & 577	London Clay	Barton Cliff & Alum
semicostata	.. ..	..	Ibid. [Bay.]
interrupta	.. t. 577	..	Ibid.
undosa	.. ..	..	Ibid.
reticulata	.. ..	..	Ibid.
frondosa	.. ..	Crag	Sutton, Suffolk.
subulata	.. t. 390	..	Ramsholt, ditto.
foliacea	.. ..	..	Ibid.
minuta	.. ..	..	Ibid.
similis	.. t. 16	..	Bramerton ; Holyw.
multicostata	M. S. Nor. Crag	..	Thorpe, nr. Norwich.
Turbinacea			
<i>Solarium</i> calix	Phillips, t. 11, f. 30	Inferior Oolite	Bl. Wick & Coldmoor
conoideum	Min. Con. t. 11	Portland Oolite	Isle of Portland.
tabulatum?	Phillips, t. 2, f. 36	Gault	Speeton, Yorkshire.
patulum	Min. Con. t. 11	London Clay	Highgate, Middles.
discoideum	..	..	Barton Cliff, Hants.
canaliculatum	.. t. 524	..	Ibid.
plicatum	.. ..	..	Ibid. [shire.]
<i>Cirrus</i> acutus	.. t. 141	Mt. Limestone	Tortworth & Derby-
rotundatus	.. t. 429	..	Settle, Yorkshire.
carinatus	.. ..	Lias?	near Cheltenham.
Leachii	.. t. 219	Inferior Oolite	Dundry, Somerset.
nodosus	.. ..	..	Yeovil & Dundry.
cingulatus	Phillips, t. 4, f. 28	Calcareous Grit	Scarborough.
Sowerbii	Geol. Suss. t. 18, f. 14	Gault	Hamsey, Sussex.
plicatus	Min. Con. t. 141	Chalk Marl	Folkst. ; Norlington.
granulatus	Geol. Suss. p. 195	Chalk	Sontherham, near Lewes.
depressus	Min. Con. t. 428	..	Bridgwick; Lewes; Norw.
perspectivus	.. ..	..	Lewes; Northfleet; War-
<i>Euomphalus</i> funatus	.. t. 450	Trans. Limestone	Dudley. [minster.]
pentangulus	.. t. 45	Mt. Limestone	Dublin.
catillus	.. ..	..	Tideswell & Buxton.
nodosus	.. t. 46	..	Derbyshire.
discors	.. t. 52	..	Colebrook Dale.
rugosus	.. ..	..	Ibid.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Euomphalus angulosus</i>	Min. Con. t. 52	Mt. Limestone	Benthall Edge, Salop
<i>tuberculatus</i>	Fleming, p. 313	..	West Lothian.
<i>coronatus</i>	Min. Con. t. 450	Great Oolite	Ancliff, Wiltshire.
<i>Trochus Anglicus</i>	.. t. 142	Lias	Bath; R. Hood's Bay
<i>imbricatus</i>	.. t. 272	..	Lyme; Cheltenham.
<i>bisertus</i>	Phillips, t. 11, f. 27	Inferior Oolite	Blue Wick, Yorksh.
<i>pyramidalatus</i>	.. f. 22	..	Ibid.
<i>concavus</i> α	Min. Con. t. 181	..	Lit. Sodbury, Glos.
<i>duplicatus</i>	.. ..	..	Ibid.
<i>dimidiatus</i>	.. ..	..	Ibid.
<i>punctatus</i>	.. t. 193	..	Dundry, Somerset.
<i>elongatus</i>	.. ..	..	Ibid.
<i>abbreviatus</i>	.. ..	..	Ibid.
<i>fasciatus</i>	.. t. 220	..	Ibid.
<i>sulcatus</i>	.. ..	..	Ibid.
<i>ornatus</i>	.. t. 221	..	Ibid.
<i>monilitectus</i>	Phillips, t. 9, f. 33	Great Oolite	Cloughton Wyke.
<i>guttatus</i>	.. t. 6, f. 14	Kelloway's Rock	Scarborough.
<i>bicarinatus</i>	Min. Con. t. 221	Calcareous Grit	Gristhorpe, Yorksh.
<i>granulatus</i>	.. t. 220	Coral Rag	Malton & Blue Wick.
<i>tornatilus</i>	Phillips, t. 4, f. 16	..	Scarborough.
<i>reticulatus</i>	Min. Con. t. 272	Portland Oolite	Garsington; Ringstead B.
<i>Rhodani</i>	G.T. 2 ser. iii. p. 210	Upper Green Sand	Southbourn; Lyme.
<i>linearis</i>	Geol. Suss. t. 18, f. 17	Chalk Marl	Middleham, Hamsey
<i>Gibbsii</i>	Min. Con. t. 278	..	Folkstone, Kent.
<i>agglutinans</i> ?	Geol. Suss. t. 18, f. 7	..	Hamsey, Sussex.
<i>Basteroti</i>	G.T. 2 ser. iii. p. 207	Chalk	Lewes.
<i>Gurgites</i>	G.T. 2 ser. ii. p. 112	..	Lyme Regis.
<i>Benettiae</i>	Min. Con. t. 98	London Clay	Barton Cliff, Hants.
<i>extensus</i>	.. t. 278	..	Ibid.
<i>monilifer</i>	.. t. 367	..	Hordwell Cliff.
<i>opercularis</i>	Brander, f. 3	..	Ibid.
<i>laevigatus</i>	Min. Con. t. 181	Crag	Holywells, nr. Ipsw.
<i>similis</i>	.. ..	..	Ibid.
<i>concavus</i> β	.. t. 272	..	Ramsholt, Suffolk.
<i>Turbo Tiara</i>	.. t. 551	Mt. Limestone	Preston, Lancashire
<i>undulatus</i>	Phillips, t. 13, f. 18	Lias	Rosebury, Yorksh.
<i>ornatus</i>	Min. Con. t. 240	Inferior Oolite	Dundry, Somerset.
<i>laevigatus</i>	Phillips, t. 11, f. 31	..	Blue Wick, Yorksh.
<i>unicarinatus</i>	.. p. 157	..	Ibid.
<i>obtusus</i>	Min. Con. t. 551	Great Oolite	Ancliff, Wiltshire.
<i>sulcostomus</i>	Phillips, t. 6, f. 10	Kelloway's Rock	Hackness, Yorksh.
<i>funiculatus</i>	.. t. 4, f. 11	Coral Rag	Malton, ditto.
<i>muricatus</i>	Min. Con. t. 240	..	Ibid.; Steeple Ashton
<i>carinatus</i>	.. ..	L. or U. Gn. Sand?	Blackdown.
<i>moniliferus</i>	.. t. 395	..	Ibid.
<i>conicus</i>	.. t. 433	..	Ibid.
<i>rotundatus</i>	.. ..	..	Speeton, Yorkshire.
<i>pulcherimus</i>	Phillips, t. 2, f. 35	Gault	Barton Cliff, &c.
<i>reticulatus</i>	Brander, f. 27	London Clay	Barton, Hampshire.
<i>sculptus</i>	Min. Con. t. 395	..	Bramerton; Aldboro, Suf.
<i>rudis</i>	.. t. 71	Crag	Bramerton & Thorpe
<i>littoreus</i>	.. ..	..	Cloughton Wyke.
<i>Phasianella cincta</i>	Phillips, t. 9, f. 29	Great Oolite	Shalcombe, Is. Wight.
<i>orbicularis</i>	Min. Con. t. 175	Freshwater	Ibid.
<i>angulosa</i>	.. ..	..	Ibid.
<i>minuta</i>	.. ..	..	Ibid.
<i>Turritella constricta</i>	.. t. 218	Mt. Limestone	Derbyshire.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Turritella abbreviata</i>	Min. Con. t. 565	Mt. Limestone	Bradley & Torquay.
<i>cingenda</i>	.. t. 499	Inferior Oolite	R. Hood's Bay & Bl. Wick.
<i>quadrivittata</i>	Phillips, t. 11, f. 23	..	Blue Wick, Yorksh.
<i>muricata</i>	Min. Con. t. 499	Coral Rag	Ibid. & R. Hood's Bay
<i>excavata</i>	.. t. 565	Portland Oolite	Chilmark, Wilts.
<i>granulata</i>	.. ..	Green Sand	Blackdown.
<i>costata</i>	.. ..	..	Ibid.
<i>conoidea</i>	.. t. 51	London Clay	Barton Cl.; Highgate
<i>elongata</i>	.. ..	..	Christchurch & Barton Cl.
<i>brevis</i>	.. ..	..	Barton Cliff.
<i>edita</i>	.. ..	..	Ibid.
<i>multisulcata</i>	G. T. 2 ser. iii. p. 202	..	Bracklesham, Suss.
<i>incrassata</i>	Min. Con. t. 51	Crag	Holywells, nr. Ipsw.
<i>punctata</i>	M. S. Nor. Crag	..	Bramerton, Norfolk.
<i>striata</i>	.. ..	..	Ibid.
<i>Terebra</i>	Min. Con. t. 565	Alluvial	East Winch, Norf.
<i>Canalifera</i>			
<i>Cerithium funatum</i>	Min. Con. t. 128	Plastic Clay	Newhaven; Barton.
<i>melanoides</i>	.. t. 147	..	Charlton; Newhaven
<i>funiculatum</i>	.. ..	..	Plumstead, Kent.
<i>intermedium</i>	.. ..	..	Charlton, ditto.
<i>dubium</i>	.. ..	..	Stubbington Cliff,
<i>Cornucopiae</i>	.. t. 188	..	Ibid. [Hants.]
<i>giganteum</i>	.. ..	..	Ibid.
<i>pyramidalis</i>	.. t. 127	..	Hordw. & Barton Cl.
<i>geminatum</i>	.. ..	..	Barton Cliff.
<i>Potamides rigidum</i>	.. t. 338	..	Ibid.
<i>acutum</i>	.. t. 341	Lower Freshwater	Isle of Wight.
<i>ventricosum</i>	.. ..	..	Ibid.
<i>concavum</i>	.. t. 339	Upper Marine	Barton Cl. & Headon Hill
<i>margaritaceum</i>	.. ..	..	Isle of Wight.
<i>plicatum</i>	.. t. 340	..	Ibid.
<i>duplex</i>	.. ..	..	Headon Hill.
<i>cinctum</i>	.. ..	..	Ibid.
<i>politum</i>	.. t. 339	..	Plumstead, Kent.
<i>Pleurotomaria attenuata</i>	.. t. 146	London Clay	Stubbington Cliff.
<i>comma</i>	.. ..	..	Ibid.
<i>semicolon</i>	.. ..	..	Ibid.
<i>colon</i>	.. ..	..	Barton Cliff.
<i>exerta</i>	.. ..	..	Ibid.
<i>rostrata</i>	.. ..	..	Ibid.
<i>acuminata</i>	.. ..	..	Highgate, Middles.
<i>fusiformis</i>	.. t. 387	..	Ibid.
<i>lævigata</i>	.. ..	..	Ibid.; Muddiford.
<i>brevirostra</i>	.. ..	..	Muddiford, Hants.
<i>prisca</i>	.. t. 386	..	Hordwell Cliff, ditto.
<i>Cancellaria quadrata</i>	.. t. 360	..	Barton Cliff, ditto.
<i>laeviuscula</i>	.. t. 361	..	Ibid.; Highgate.
<i>evulsa</i>	.. ..	..	Ibid.; Lyndhurst.
<i>Fusus deformis</i>	König. Icon. 16	..	Hampshire.
<i>longævus</i>	Min. Con. t. 63	..	Barton & Hordwell
<i>rugosus</i>	.. t. 274	..	Ibid. [Cliffs.]
<i>acuminatus</i>	.. ..	..	Barton Cliff.
<i>asper</i>	.. ..	..	Ibid.
<i>bulbiformis</i> α	.. t. 291	..	Hordwell & Ibid.
β	.. ..	..	Ibid.
γ	.. ..	..	Ibid.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Fusus</i> <i>bulbiformis</i> δ	Min. Con. t. 291	London Clay	Hordwell & Barton
<i>ficulneus</i>	.. ..	..	Ibid. [Cliffs.]
<i>errans</i>	.. t. 400	..	Ibid.
<i>regularis</i>	.. t. 187 & 423	..	Ibid.
<i>Lima</i>	.. t. 423	..	Ibid.
<i>carinella</i>	.. t. 187	..	Ibid.
<i>conifer</i>	.. ..	..	Highgate, Middles.
<i>bifasciatus</i>	.. t. 228	..	Ibid.
<i>complanatus</i>	.. t. 423	..	Ibid.
<i>alveolatus</i>	.. t. 525	Crag	Bawdsey, Suffolk.
<i>cancellatus</i>	.. ..	..	Sutton, ditto.
<i>Pyrula</i> <i>nxilis</i>	.. t. 331	London Clay	Barton Cliff, Hants.
<i>Greenwoodii</i>	.. t. 498	..	Hampshire.
<i>bulbiformis</i>	Brander, f. 54	..	Bracklesham, Suss.
<i>lævigata</i>	G. T. 2 ser. iii. p. 203	..	Ibid.
<i>Murex</i> <i>Harpula</i>	Min. Con. t. 578	Mt. Limestone	Bradley & Torquay.
<i>Haccanensis</i>	Phillips, t. 4, f. 18	Coral Rag	Hackness, Yorksh.
<i>tuberousus</i> β	Min. Con. t. 578	..	Malton, ditto.
<i>quadratus</i>	.. t. 410	Green Sand	Blackdown.
<i>Calcar</i>	.. ..	..	Ibid.
<i>latus</i>	.. t. 35	Plastic Clay	Plumstead, Kent.
<i>gradatus</i>	.. t. 199	..	Ibid.
<i>Bartonenensis</i>	.. t. 34	London Clay	Barton Cliff, Hants.
<i>fistulosus</i>	.. t. 189	..	Ibid.
<i>interruptus</i>	.. t. 304	..	Ibid.
<i>argutus</i>	.. t. 344	..	Ibid.
<i>tricarinatus</i>	.. t. 416	..	Ibid.
<i>bispinosus</i>	.. ..	..	Ibid.
<i>frondosus</i>	.. ..	..	Ibid.; Highgate.
<i>tubifer</i>	Org. Rem. iii. t. 5, f. 15	..	Barton Cliff.
<i>scopulorum</i>	Lin. Tr. vii. t. 11, f. 6	..	Ibid.
<i>porrectus</i>	.. f. 7	..	Ibid.
<i>nitidus</i>	.. f. 8	..	Ibid.
<i>asper</i>	.. f. 4	..	Ibid.
<i>punctatus</i>	.. f. 3	..	Ibid.
<i>conoides</i>	Brander, f. 17	..	Hordwell & Ibid.
<i>effossus</i>	.. f. 28	..	Ibid.
<i>defossus</i>	Min. Con. t. 411	..	Ibid.
<i>Smithii</i> α	.. t. 578	..	Alum Bay, I. Wight.
β	.. ..	..	Paddington, Midd.
<i>trilineatus</i>	.. t. 35	..	Brentford & High-
<i>curtus</i>	.. t. 199	..	Highgate [gate].
<i>tuberousus</i> α	.. t. 229	..	Ibid.
<i>minax</i>	.. ..	..	Ibid.
<i>cristatus</i>	.. t. 230	..	Ibid.
<i>coronatus</i>	.. ..	..	Ibid. [Wight.]
<i>sexdentatus</i>	.. t. 411	Upper Marine	Colwell Bay, Isle of
<i>contrarius</i>	.. t. 23	Crag	Holywells, nr. Ipsw.
<i>striatus</i> α	.. t. 109	..	Ibid.
<i>rugosus</i> α	.. t. 34	..	Harwich; Ipswich.
β	.. t. 199	..	Maldon & Harwich.
<i>costellifer</i>	.. ..	..	Ibid.
<i>echinatus</i>	.. ..	..	Ibid.
<i>Peruvianus</i>	.. t. 434	..	Woodbridge, Suff.
<i>tortuosus</i>	.. ..	..	Sutton, &c. Suffolk.
<i>alveolatus</i>	.. t. 411	..	Ibid.
<i>corneus</i>	.. t. 35	..	Walton; Aldborough
<i>striatus</i> β	.. t. 22	..	Holyw.; Bramerton.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Murex elongatus</i>	M. S. Nor. Crag	Crag	Bramerton.
<pullus< p=""></pullus<>	Ibid.
^{bulbiformis}	.. ..	..	Thorpe, nr. Norwich
^{lapilliformis}	.. ..	..	Ibid.
^{gibbosus}	.. ..	..	Ibid.
^{angulatus}	.. ..	..	Ibid.
<i>Alata</i>			
<i>Rostellaria composita</i>	Min. Con. t. 558	Inferior Oolite	[Wick.
^{trifida}	Phillips, t. 5, f. 14	Oxford Clay	Brora; Weymouth; Blue
^{bispinosa}	.. t. 6, f. 13	Calcareous Grit	Scarborough.
^{calcarata}	Min. Con. t. 349	Lower Green Sand	Ibid.
<i>Parkinsoni</i> δ	Geol. Suss. t. 18, f. 1	..	Parham; Blackdn.
^{carinata}	.. t. 19, f. 10	Gault	Ibid. [ley.
<i>Parkinsoni</i> γ	Min. Con. t. 349	Chalk Marl	Ringmer; Bletching-
α	.. ..	Plastic Clay	Folkstone; Hamsey.
β	.. t. 91	London Clay	Bray, Berkshire.
^{lucida}	.. ..	..	Bognor; Reculver.
^{rimosa}	.. ..	..	Highgate, Middles.
^{macroptera} α	.. t. 298	..	Barton Cliff, Hants.
β	.. t. 299	..	Ibid.
<i>Pes-Pelicanii</i>	.. t. 558	..	Ramsholt, &c. Suff.
<i>Purpurifera</i>			
<i>Cassis striata</i>	Min. Con. t. 6	..	Highgate, Middles.
^{carinata}	.. ..	..	Ibid.
^{bicatenata}	.. t. 151	Crag	Bawdsey, Suffolk.
<i>Harpa Trimmeri</i>	Org. Rem. iii. p. 59	London Clay	Brentford, Middles.
<i>Dolium nodosum</i>	Min. Con. t. 426, 427	Chalk	Clayton, Sussex.
^{striatum}	M. S. Geol. Norfolk	..	Norwich.
<i>Buccinum acutum</i>	Min. Con. t. 566	Mt. Limestone	Queen's Co. Ireland.
^{imbricatum}	.. ..	..	Bradley & Torquay.
^{breve}	.. ..	..	Ibid.
^{spinosum}	.. ..	..	Ibid.
^{unilineatum}	.. t. 486	Great Oolite	Ancliff, Wiltshire.
^{junceum}	.. t. 375	London Clay	Barton; Highgate.
^{lavatum}	.. t. 412	..	Barton Cliff.
^{desertum}	.. t. 415	..	Ibid.
^{defossum}	Lin. Tr. vii. t. 11, f. 2	..	Ibid.
^{ambiguum}	Brander, f. 56 & 63	..	Ibid. & Hordwell.
^{canaliculatum}	Min. Con. t. 415	..	Muddiford & Barton Cliff.
α	.. t. 412	..	Plumstead, Kent.
β	.. ..	..	Isle of Wight.
^{granulatum}	.. t. 110	Crag	Ipswich.
^{rugosum}	.. ..	..	Holywells, nr. ditto.
^{reticosum}	.. ..	..	Ibid.
^{tetragonum}	.. t. 414	..	Ipswich.
^{propinquum}	.. t. 477	..	Ibid.
^{labiosum}	.. ..	..	Ibid.
^{sulcatum} β	.. ..	..	Sutton, &c. Suffolk.
^{incrassatum}	.. t. 414	..	Ibid.
^{elongatum}	.. t. 110	..	Walton-le-Soken.
^{elegans}	.. t. 477	..	Ibid. &c. Suffolk.
<i>Mitrula</i>	.. t. 375	..	Ramsholt, ditto.
^{sulcatum} α	.. ..	..	Ibid.
^{Dalei}	.. t. 486	..	Harwich, Essex.
^{crispatum}	.. t. 413	..	Bramerton & Suff.
^{tenerum}	.. t. 486	..	Postwick; Ipswich.
<i>Terebra vetusta</i>	Phillips, t. 9, f. 27	Inferior Oolite	Bl. Wick, Clought. Wyke.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Terebra granulata</i> melanooides	Phillips, t. 7, f. 16 .. t. 4, f. 13	Cornbrash Coral Rag	Scarborough. Pickering, Yorksh.
<i>Columellaria</i>			
<i>Mitra scabra</i>	Min. Con. t. 401	London Clay	Barton Cliff, Hants.
<i>parva</i>	.. t. 430	..	Ibid.
<i>pumila</i>	.. ..	..	Ibid.
<i>Voluta Luctator</i>	.. t. 115	..	Ibid.
<i>spinosa</i>	.. ..	..	Ibid.
<i>suspensa</i>	.. ..	..	Ibid.
<i>monstrosa</i>	.. ..	..	Ibid.
<i>costata</i>	.. t. 290	..	Ibid.
<i>Magorum</i>	.. ..	..	Ibid.
<i>Athleta</i>	.. t. 396	..	Ibid.
<i>depauperata</i>	.. ..	..	Ibid.
<i>Luctator, jun.</i>	.. t. 397	..	Ibid.
<i>ambigua</i>	.. t. 399	..	Ibid.
<i>nodosa</i>	.. ..	..	Ibid.
<i>Lima</i>	.. t. 398	..	Ibid.
<i>geminata</i>	.. ..	..	Lyndhurst, Hants.
<i>perita</i>	Brander, f. 23	..	Horwd. & Barton Cl.
<i>Bicorona</i>	G. T. 2 ser. iii. p. 203	..	Bracklesham, Suss.
<i>Lamberti</i>	Min. Con. t. 129 .. t. 487	Crag London Clay	Bawdsey, Aldborough, &c. Barton Cliff.
<i>Volvaria acutiuscula</i>			
<i>Convoluta</i>			
<i>Bellerophon hiuleus</i>	Min. Con. t. 470	Mt. Limestone	Derbyshire.
<i>costatus</i>	.. ..	..	Ibid.
<i>tenuifascia</i>	.. ..	..	Torquay; Scalebar.
<i>apertus</i>	.. t. 469	..	Settle; Louth, Ireld.
<i>Cornu-arietis</i>	.. ..	..	Kendal, Westmorel.
<i>Urii</i>	.. ..	..	Rutherford, N. B.
<i>decussatus</i>	.. ..	..	Linlithgow.
<i>striatus</i>	.. ..	..	Ibid.
<i>Ovula Leathi</i>	Min. Con. t. 478	Crag	Walton, Suffolk.
<i>Cypraea oviformis</i>	.. t. 4	London Clay	Highgate, Middles.
<i>coccinelloides</i>	.. t. 378	Crag	Sandlands, Suffolk.
<i>retusa</i>	.. ..	..	Sutton, &c. ditto.
<i>Avellana</i>	.. ..	..	Ibid.
<i>Terebellum fusiforme</i>	.. t. 287	London Clay	Horwd. & Barton Cl.
<i>Seraphis convolutus</i>	.. t. 286	..	Barton Cliff.
<i>Ancillaria canalifera</i>	G. T. 2 ser. iii. p. 203	..	Bracklesham, Suss.
<i>aveniformis</i>	Min. Con. t. 99	..	Barton Cliff.
<i>Turritella</i>	.. ..	..	Ibid.
<i>subulata</i>	.. t. 333	..	Christchurch, Hants
<i>Oliva Branderi</i>	.. t. 288	..	Barton Cliff.
<i>Salisburiana</i>	.. ..	..	Ibid.
<i>Conus Dormitor</i>	.. t. 301	..	Ibid. & Muddiford.
<i>concinnus</i> α	.. t. 302	..	Ibid.; Highgate.
<i> </i> β	.. ..	..	Highgate, Middles.
<i>scabriuseulus</i> α	.. t. 303	..	Barton Cliff.
<i> </i> β	.. ..	..	Ibid.
<i>lineatus</i>	Brander, f. 22	..	Ibid.
CEPHALOPODA			
<i>Orthocerata</i>			
<i>Belemnites tubularis</i>	Phillips, t. 12, f. 20	Lias	Saltwick, Yorksh.
<i>elongatus</i>	G. T. 2 ser. ii. t. 7, f. 6	..	Ibid.; Charmouth; Lyme.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Belemnites</i> <i>aduncatus</i>	G. T. 2 ser. ii. t. 8, f. 6	Lias	Weymouth; Lyme.
<i>longissimus</i>	.. f. 1	..	Lyme Regis.
<i>pistilliformis</i>	Min. Con. t. 589	..	Shorne Cliff & Char.
<i>acutus</i>	.. t. 590	..	Ibid. [mouth.
<i>penicillatus</i>	.. ..	..	Ibid.
<i>sulcatus</i>	G. T. 2 ser. ii. t. 8, f. 3	Inferior Oolite	Dundry; Malton; Brora.
<i>ellipticus</i>	.. f. 14	..	Dundry. [Cromarty.
<i>abbreviatus</i>	.. t. 7, f. 9	..	Dundry; Weymouth;
<i>compressus</i>	Min. Con. t. 590	Great Oolite	Scarb. & Saltwick
<i>fusiformis</i>	Org. Rem. iii. t. 8, f. 13	Stonesfield Slate	Stonesfield, Oxon.
<i>gracialis</i>	Phillips, t. 5, f. 15	Oxford Clay	Scarborough.
<i>Listeri</i>	Geol. Suss. t. 19, f. 18	Gault	Ringm., Bletchingley, &c.
<i>attenuatus</i>	Min. Con. t. 589	..	Ringmer; Folkstone
<i>minimus</i>	.. ..	..	Ibid.
<i>lanceolatus</i>	.. t. 600	Chalk Marl	Hamsey & Steyning.
<i>granulatus</i>	.. ..	Chalk	Lewes.
<i>electrinus</i> α	G. T. 2 ser. ii. t. 8, f. 18	..	Salisbury; Norw.; Brigh-
	M. S. Geol. Norfolk	..	[ton. Norwich.
<i>Actinocamax verus</i>	G. T. 2 ser. ii. t. 9, f. 17	..	Kent, Wilts. & Suss.
<i>Beloptera anomala</i>	Min. Con. t. 591	London Clay	Highgate, Middles.
<i>Orthocera striata</i>	.. t. 58	Trans. Limestone	Black Rock, Cork.
<i>gigantea</i>	.. t. 246	Old Red Sands	Closeburn, Dumfries
<i>cordiformis</i>	.. t. 247	..	Ibid.
<i>undulata</i>	.. t. 59	Mt. Limestone	Scalebar, Yorksh.
<i>circularis</i>	.. t. 60	..	Dudley, Worcesters.
<i>Breynii?</i>	.. ..	..	Ashford, Derbysh.
<i>annulata</i>	.. t. 133	..	Colebr. Dale, Salop.
<i>paradoxica</i>	.. t. 457	..	Ireland.
<i>fusiformis</i>	.. t. 588	..	Blk. Rock, Queen's Co. &
<i>cincta</i>	.. ..	..	Preston. [Lancash.
<i>Gesneri</i>	Mart. Derb. t. 38	..	Ashford, Derbysh.
<i>laevis</i>	Ann. Phil. v. t. 31, f. 1	..	Linlithgow.
<i>pyramidalis</i>	.. f. 2	..	Ibid.
<i>cylindracea</i>	.. f. 3	..	Livingstone, N. B.
<i>annularis</i>	.. f. 8	..	Linlithgow.
<i>rugosa</i>	.. f. 9	..	Ibid.
<i>angularis</i>	.. f. 10	..	Ibid.
<i>attenuata</i>	.. f. 5	Coal.	Livingstone, N. B.
<i>sulcata</i>	.. f. 6	..	Ibid.
<i>undata</i>	.. f. 7	..	Ibid.
<i>Steynhaueri</i>	Min. Con. t. 60	..	near Halifax, York.
<i>conica</i>	.. ..	Lias	Whitby.
<i>elongata</i>	G. T. 2 ser. ii. t. 4, f. 4	..	Lyme Regis.
<i>Conularia quadrисulcata</i> α	Min. Con. t. 260	Mt. Limestone	Bristol.
	.. .. ..	..	Glasgow.
<i>teres</i>	.. .. ..	..	Ibid.
<i>Naufragacea</i>			[lesham.
<i>Nummulites</i> <i>laevigatus</i>	Org. R. iii. t. 10, f. 13	London Clay	Stubbington; Brack-
<i>variolaria</i>	Min. Con. t. 538	..	Ibid.
<i>elegans</i>	.. ..	..	Emsworth, nr. Chichester
<i>lenticularis</i>	Geol. T. ii. p. 207	Bagshot Sand	Stubbington Cliff.
<i>Nautilus</i> <i>funatus</i>	Min. Con. t. 32	Trans. Limestone	Black Rock, Cork.
<i>ovatus</i>	.. t. 37	..	Ibid.
<i>compressus</i>	.. t. 38	..	Ibid.
<i>globatus</i>	.. t. 481	..	Ibid.
<i>multicarinatus</i>	.. t. 482	..	Ibid.
<i>complanatus</i>	.. t. 261	..	Scarlet, Isle of Man.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Nautilus bilobatus</i>	Min. Con. t. 249	Old Red Sands.	Closeburn, Dumfr.
<i>pentagonus</i>	.. ..	..	Ibid.
<i>tuberculatus</i>	.. ..	..	Ibid.
<i>discus</i>	.. t. 13	..	Kendal, Westmorel.
<i>Woodwardii</i>	.. t. 571	Mt. Limestone	Winster, Derbysh.
<i>sulcatus</i>	.. ..	..	Castleton, ditto.
<i>ingens</i>	Mart. Derb. t. 41	..	Ashford, ditto.
<i>biangulatus</i>	Min. Con. t. 458	..	Bristol.
<i>cariniferus</i>	.. t. 482	..	Black Rock, Cork.
<i>excavatus α</i>	.. ..	..	Limerick, Ireland.
<i>marginatus</i>	Fleming, p. 231	..	Bathgate, N. B.
<i>quadratus</i>	.. ..	..	West Lothian.
<i>Luidii</i>	Mart. Derb. t. 35	Coal	Ashford, Derbysh.
<i>annularis</i>	Phillips, t. 12, f. 18	Lias	Whitby.
<i>astacoides</i>	.. f. 16	..	Ibid. [tol.
<i>truncatus</i>	Min. Con. t. 123	..	Keynsham, nr. Bris-
<i>intermedius</i>	.. t. 125	..	Lyme; Keynsham.
<i>striatus</i>	.. t. 182	..	Lyme Regis.
<i>lineatus</i>	.. t. 41	Inferior Oolite	Combdown; Bl. Wick
<i>obesus</i>	.. t. 124	..	Norton-under-Ham.
<i>sinuatus</i>	.. t. 194	..	Yeovil, Somerset.
<i>excavatus β</i>	.. t. 529	..	Dorsetshire.
<i>polygonalis</i>	.. t. 530	..	Ibid.
<i>hexagonus</i>	.. t. 529	Upper Oolite	Shotover; Abingdon
<i>undulatus</i>	.. t. 40	L. or U. Gn. Sand?	Nutfield, Surrey.
<i>simplex</i>	.. t. 122	..	Lyme; Boreham.
<i>radiatus</i>	.. t. 356	..	Molton, Devon.
<i>expansus</i>	.. t. 458	Chalk Marl	Hamsey, Middleham
<i>elegans</i>	.. t. 116	..	Ringmer; Hamsey; Lyme
<i>Comptoni</i>	.. t. 121	..	Earl Stoke, Wilts.
<i>inæqualis</i>	.. t. 40	..	Folkstone; Ringmer.
<i>imperialis</i>	.. t. 1	London Clay	Brentfd. & Highgate
<i>centralis</i>	.. ..	..	Ibid.; Richmond.
<i>ziczac</i>	.. ..	..	Highgate.
<i>regalis</i>	.. t. 355	..	Hyde Park.
<i>Ammoneata</i>			
<i>Ammonites striatus</i>	Min. Con. t. 53	Mt. Limestone	Buxton & Castleton.
<i>sphericus</i>	.. ..	..	Mill Dale, Derbysh.
<i>Listeri</i>	.. t. 501	..	Middleton, & nr. Sheffield
<i>Henslowi</i>	.. t. 262	..	Scarlet, Isle of Man.
<i>discus</i>	.. t. 12	Lias	Lyme; Bedford.
<i>ellipticus</i>	.. t. 92	..	Lyme; Charmouth.
<i>stellaris</i>	.. t. 93	..	Lyme.
<i>planacosta</i>	.. t. 73	..	Ibid.; Evershot, Som.
<i>fimbriatus</i>	.. t. 164	..	Lyme.
<i>obtusus</i>	.. t. 167	..	Ibid.; Redcar.
<i>Loscombi</i>	.. t. 183	..	Lyme.
<i>Brooki</i>	.. t. 190	..	Ibid.
<i>Königi β</i>	.. t. 263	..	Ibid.; Cromarty.
<i>Henlili</i>	.. t. 172	..	Lyme; Whitby.
<i>heterophylla</i>	.. t. 266	..	Whitby & Boulby.
<i>Birchii</i>	.. t. 267	..	Lyme.
<i>Bechii</i>	.. t. 280	..	Ibid.
<i>Davaei</i>	.. t. 350	..	Ibid.
<i>lævigatus</i>	.. t. 570	..	Ibid.
<i>latacosta</i>	.. t. 556	..	Ibid.
<i>Bucklandi</i>	.. t. 130	..	Ibid.; Bath; Redcar

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
Ammonites <i>Conybeari</i>	Min. Con. t. 131	Lias	Somerset; Hebrides
<i>Greenovii</i>	.. t. 132	..	Lyme; Bath.
<i>Parkinsoni</i> β	.. t. 307	..	Bath.
<i>biplex</i>	.. t. 293	..	Sutors of Cromarty.
<i>Turneri</i>	.. t. 452	..	Watchet; R. Hood's
<i>Planorbis</i>	.. t. 448	..	Ibid. [Bay.]
<i>rotiformis</i>	.. t. 453	..	Yeovil, Somerset.
<i>Johnstoni</i>	.. t. 449	..	Watchet, ditto.
<i>multicostatus</i>	.. t. 454	..	Bath.
<i>lenticularis</i>	Phillips, t. 6, f. 25	..	Staithes, Yorkshire.
<i>Clevelandicus</i>	.. t. 14, f. 6	..	Ibid.
<i>vittatus</i>	.. t. 13, f. 1	..	Ibid.
<i>sigmifer</i>	.. f. 4	..	Ibid.
<i>crenularis</i>	.. t. 12, f. 22	..	Whitby.
<i>heterogenus</i>	.. f. 19	..	Ibid.
<i>crassus</i>	.. f. 15	..	Ibid.
<i>balteatus</i>	.. f. 17	..	Ibid.
<i>subcarinatus</i>	.. t. 13, f. 3	..	Ibid.
<i>arcigerens</i>	.. f. 9	..	Ibid.
<i>geometricus</i>	.. t. 14, f. 9	..	Ibid.
<i>Hawskerensis</i>	.. t. 13, f. 8	..	Hawsker, Yorksh.
<i>ovatus</i>	.. f. 10	..	Ibid.
<i>maculatus</i>	.. f. 11	..	Ibid.
<i>gagatus</i>	p. 163	..	Ibid.
<i>nitidus</i>	.. ..	..	Ibid.
<i>erugatus</i>	.. t. 13, f. 13	..	Ibid.
<i>Bucklandi</i> , jun.	.. t. 14, f. 13	..	Robin Hood's Bay.
<i>nitescens</i>	p. 164	..	Ibid.
<i>obliquatus</i>	.. ..	..	Lyth, Yorkshire.
<i>Mulgravius</i>	.. ..	..	Ibid. & Saltwick.
<i>exaratus</i>	.. t. 13, f. 7	..	Boulby, &c. Yorks.
<i>Lythensis</i>	.. f. 6	..	Boulby & Lyth.
<i>Boulbiensis</i>	p. 164	..	Boulby.
<i>impendens</i>	.. ..	..	Ibid.
<i>anguliferus</i>	.. t. 13, f. 19	..	Bilsdale, Yorkshire.
<i>Walcottii</i>	Min. Con. t. 106	..	Whitby; Bath.
<i>communis</i>	.. t. 107	..	Whitby; Lyme; Skye
<i>angulatus</i>	.. ..	..	Whitby.
<i>annulatus</i> α	.. t. 222	..	Ibid.; Cropredy.
<i>armatus</i>	.. t. 95	..	Whitby; Lyme.
<i>subarmatus</i>	.. t. 407	..	Whitby.
<i>fibulatus</i>	.. ..	..	Ibid.
<i>Taylori</i>	.. t. 514	..	Hashboro Cliff, Norf.
<i>Murchisonæ</i>	.. t. 550	..	Is. Skye; Hebrides.
<i>Jamesoni</i>	.. t. 555	..	Mull; Scarboro Coast
<i>brevispina</i>	.. t. 556	..	Pabba; Scarbro' Co.
<i>jugosus</i>	.. t. 92	..	Ilminster, Somerset.
<i>elegans</i>	.. t. 94	..	Ibid.; Yorksh. Coast
<i>Brongniarti</i>	.. t. 184*	..	Yeovil, Somerset.
<i>Strangewaysi</i>	.. t. 254	..	Ilminster.
<i>falcifer</i>	.. ..	..	Ibid.
<i>Brochii</i>	.. t. 202	..	Dundry.
<i>Sowerbii</i> α	.. t. 213	..	Ibid.
β	.. ..	..	Ibid.
<i>Brownii</i>	.. t. 263	..	Ibid.
<i>contractus</i>	.. t. 500	..	Ibid.
<i>læviusculus</i>	.. t. 451	..	Ibid.
<i>corrugatus</i>	.. ..	..	Ibid.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Ammonites subradiatus</i>	Min. Con. t. 421	Inferior Oolite	Bath.
<i>Parkinsoni</i> α	.. t. 307	..	Yeovil, Somerset.
<i>Stokesi</i>	.. t. 191	..	Bridport, Dorset.
<i>Blagdeni</i>	.. t. 201	..	Sherborne, ditto.
<i>Humphresiana</i>	.. t. 500	..	Ibid.
<i>Banksii</i>	.. t. 200	..	Ibid.
<i>Herveyi</i>	.. t. 195	..	Bradford, Wilts; Scarbro'.
<i>Brackenridgii</i>	.. t. 184	..	Dundry, nr. Bristol.
<i>annulatus</i> β	.. t. 222	..	Cropredy, Oxon.
<i>striatulus</i>	.. t. 421	..	Blue Wick, Yorksh.
<i>Gowerianus</i>	.. t. 549	Coal of Oolite	Brora, Sutherland.
<i>snblævis</i>	.. t. 54	Kelloway's Rock	Malford, Wiltshire.
<i>Callovicensis</i>	.. t. 104	..	Kelloway's Br. ditto
<i>Königi</i> α	.. t. 263	..	Ross & Cromarty.
<i>Gulielmii</i>	.. t. 311	..	Kelloway's Bridge.
<i>gemmatus</i>	Phillips, t. 6, f. 17	..	Scarborough.
<i>funiferus</i>	.. f. 23	..	Ibid.
<i>bifrons</i>	.. f. 18	..	Hackness, Yorksh.
<i>flexicostatus</i>	.. f. 20	..	Ibid.
<i>oculatus</i>	.. t. 5, f. 16	Oxford Clay	Scarborough.
<i>Vernoni</i>	.. f. 19	..	Ibid.
<i>athleta</i>	.. t. 6, f. 19	..	Ibid.
<i>spinosus</i>	Min. Con. t. 540	..	Weymouth, Dorset.
<i>instabilis</i>	Phillips, p. 135	Calcareous Grit	Gristhorpe, Yorksh.
<i>solaris</i>	.. t. 4, f. 29	..	Scarborough.
<i>Sutherlandiæ</i>	Min. Con. t. 563	..	Brora, Sutherland.
<i>trifidus</i>	.. t. 292	Coral Rag	Shotover; Malton.
<i>perarmatus</i>	.. t. 352	..	Ibid. & Brora.
<i>vertibralis</i>	.. t. 165	..	Ibid.
<i>sublævis</i>	Phillips, t. 6, f. 22	..	Malton, Yorkshire.
<i>nodosus</i>	Min. Con. t. 92	..	Scarborough.
<i>Williamsoni</i>	Phillips, t. 4, f. 19	..	Ayton, Yorkshire.
<i>Duncani</i>	Min. Con. t. 157	Clunch Clay	St. Neot's, Hunts.
<i>rotundus</i>	.. t. 293	Kimmeridge Clay	Isle of Purbeck.
<i>triplicatus</i>	.. t. 92	Portland Oolite	Isle of Portland.
<i>Brodiaei</i>	.. t. 351	..	Ibid.
<i>omphaloïdes</i>	.. t. 242	..	Ibid.; Hebrides.
<i>Parkinsoni</i> γ	.. t. 307	..	Shotover Hill, Oxon.
<i>cordatus</i>	.. t. 17	..	Ibid.; Braambury H.
<i>excavatus</i>	.. t. 105	..	Shotover Hill.
<i>giganteus</i>	.. t. 126	..	Chicks Grove, Wilts.
<i>Lamberti</i>	.. t. 242	..	Weymouth.
<i>Leachii</i>	..	..	Ibid.
<i>cristatus</i>	.. t. 421	..	Ibid.
<i>concavus</i>	.. t. 94	..	Dry Sandford, & Il-
<i>plicatilis</i>	.. t. 166	..	Ibid. [minster.
<i>Catena</i>	.. t. 420	..	Abingdon, Berks.
<i>Plicomphalus</i>	.. t. 359 & 404	..	Bolingbroke, Linc.
<i>mutabilis</i>	.. t. 405	..	Horn castle, ditto.
<i>Nutfieldiensis</i>	.. t. 108	Lower Green Sand	Nutfield, Surrey.
<i>Goodalli</i>	.. t. 255	..	Blackdown; Lyme.
<i>varicosus</i>	.. t. 451	L. or U. Gn. Sand?	Blackdown.
<i>denarius</i>	.. t. 540	..	Ibid.
<i>Beudanti</i>	G. T. 2 ser. ii. p. 114	..	Lyme Regis.
<i>inflatus</i>	Min. Con. t. 178	..	Isle of Wight.
<i>monilis</i>	.. t. 117	..	Folkstone, Kent.
<i>biplicatus</i>	Geol. Suss. t. 22, f. 6	Gault	Ringmer, Sussex.
<i>marginatus</i>	Phillips, t. 2, f. 41	..	Speeton, Yorkshire.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
Ammonites nucleus	Phillips, t. 2, f. 43	Gault	Speeton, Yorkshire.
<i>hystrix</i>	.. f. 44	..	Ibid.
<i>rotula</i>	.. f. 45	..	Ibid.
<i>parvus</i>	Min. Con. t. 449	..	Ibid.; Tunbridge.
<i>concinnus</i>	Phillips, t. 2, f. 47	..	Speeton.
<i>venustus</i>	.. f. 48	..	Ibid.
<i>fissicostatus</i>	.. f. 49	..	Ibid.
<i>curvinodus</i>	.. f. 50	..	Ibid.
<i>planus</i>	.. f. 42	..	Ringmer; Folkstone
<i>auritus</i>	Min. Con. t. 134	Upper Green Sand	Devizes; Ringmer.
<i>rostratus</i>	.. t. 173	..	Southerham; Roak, Oxon.
<i>varians</i>	.. t. 176	..	Nursted; Lyme, &c.
<i>Benettiæ</i>	.. t. 539	..	Warminster, Wilts.
<i>Catilus</i>	.. t. 564	..	Nursted; Southbn.
<i>Mantelli</i>	.. t. 55	Chalk Marl	Ringmer & Middle- Folkstone. [ham.
<i>minutus</i>	.. t. 53	..	Hamsey; Lyme.
<i>Rhotomagensis</i>	.. t. 515	..	Ibid.
<i>curvatus</i>	.. t. 579	..	Crockerton, Wilts; Ring- [mer.
<i>Selliquinus</i>	.. t. 549	..	Hamsey.
<i>complanatus</i>	.. t. 569	..	Ibid. & Southbourn.
<i>planulatus</i>	.. t. 570	..	Middleham, Sussex.
<i>cinctus</i>	.. t. 564	..	Marston Magna.
<i>Smithii</i>	.. t. 406	..	Folkst.; Norlington.
<i>splendens</i>	.. t. 103	..	Cambridge; Ibid.
<i>dentatus</i>	.. t. 308	..	Ibid.; Ringmer.
<i>lautus</i>	.. t. 309	..	Ibid.
<i>tuberculatus</i>	.. t. 310	..	Weymouth.
<i>proboscideus</i>	..	..	Middleham, Sussex.
<i>logispinus</i>	.. t. 501	..	Lewes, Southdowns.
<i>falcatus</i>	.. t. 579	..	Lewes; Hunstanton.
<i>peramplus</i>	.. t. 357	Chalk	Lewes.
<i>Lewesiensis</i>	.. t. 358	..	Ibid.
<i>Woollgari</i>	.. t. 587	..	Hamsey, Sussex.
<i>undatus</i>	.. t. 570	..	Southerham, ditto.
<i>tetrammata</i>	.. t. 587	..	Lyme Regis.
<i>catinus</i>	Geol. Suss. t. 22, f. 10	..	Ibid.
<i>Coupei</i>	G. T. 2 ser. ii. p. 112	..	Ibid.; Lewes; Hunstanton
<i>constrictus</i>	Min. Con. t. 184 A	..	Guildford; Offham.
<i>rusticus</i>	.. t. 177	..	Dowlands, Devon.
<i>navicularis</i>	.. t. 555	..	Minster Cliff; Heb- Highgate. [rides.
<i>Hippocastaneus</i>	.. t. 514	..	Diluvium of Suffolk.
<i>acus</i>	.. t. 17	..	Ibid.
<i>decipiens</i>	.. t. 294	..	Ibid.; Bramerton.
<i>quadratus</i>	.. t. 17	..	Alluv. of Braunston, Nor- Devizes. Hamsey; Norwich.
<i>serratus</i>	.. t. 24	..	Ringm., Middleham.
<i>bina</i>	.. t. 92	..	Lyme Regis.
<i>Bakeriæ</i>	.. t. 570	..	Sandgate, Kent.
Turrilites <i>obliquus</i>	.. t. 75	Upper Green Sand	Speeth, Kent.
<i>costatus</i>	.. t. 36	Chalk Marl	Wiltshire.
<i>undulatus</i>	.. t. 75	..	Blackdown.
<i>tuberculatus</i>	.. t. 74	..	Speeton, Yorkshiré.
<i>Bergeri</i>	G. T. 2 ser. ii. p. 112	Chalk	Ibid.; Ringmer.
Hamites <i>Gigas</i>	Min. Con. t. 593	Limestone	
<i>grandis</i>	.. ..	Lower Green Sand	
<i>Parkinsoni</i>	Org. Rem. iii. t. 10, f. 5	L. or U. G. Sand?	
<i>spinulosus</i>	Min. Con. t. 216	..	
<i>raricostatus</i>	Phillips, t. 1, f. 23	Gault	
<i>alternatus</i>	.. f. 26	..	

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
Hamites Beanii	Phillips, t. 1, f. 28	Gault	Speeton, Yorkshire.
Phillipsii- compressus	.. f. 30	..	Ibid.
tenuis	Min. Con. t. 61	Chalk Marl	Folkstone; Ringmer
rotundus	.. ..	..	Ibid.
attenuatus	.. ..	..	Ibid.
maximus	.. t. 62	..	Ibid. &c.
intermedius	.. ..	..	Ibid.
gibbosus	.. ..	..	Hamsey; Ringmer; Nor- Folkstone. [wich.
spiniger	.. t. 216	..	Ibid.
tuberculatus	.. ..	..	Ibid.
turgidus	.. ..	..	Ibid.
nodosus	.. ..	..	Ibid.
plicatilis	.. t. 234	..	Hamsey; Warminst.
armatus	.. t. 168	..	Hamsey; Lewes; Norwich
ellipticus	Geol. Suss. t. 23, f. 9	..	Ringmer, Sussex.
Scaphites aequalis	Min. Con. t. 18	L. or U. Gn. Sand?	Yeovil, Somerset.
striatus	Geol. Suss. t. 22, f. 3	Chalk Marl	Hamsey & Brighton.
costatus	.. t. 22, f. 8 & 12	..	Ibid.
obliquus	Min. Con. t. 18	Chalk	Ibid.
Baculites obliquatus	.. t. 592	Chalk Marl	Lewes & Hamsey.
Faujasii	.. ..	..	Lewes; Norwich.
Amplexus coraloides	.. t. 72	Limestone	Blk. Rock, Limerick.

VERTEBRAL ANIMALS.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
PISCES			
<i>Acanthopterygii</i>			
Anarhichas Lupus?	Smith, f. 7 & 8	Forest Marble	Stonesfield, Oxon.
Chætodon?	Geol. Eng. & W. P. 267	Lias	Barrow-on-Soar.
Dapedium politum	Geol. T. 2 ser. i. t. 6	..	Lyme Regis.
Zeus Lewesiensis	Geol. Suss. t. 35	Chalk	Lewes; Gravesend.
Xiphias gladius?	Park. Oryc. p. 271	Mt. Limestone	—
<i>Diodon?</i>	Geol. Suss. t. 32, f. 18	Chalk	Southdowns, Sussex.
<i>Malacopterygii</i>			
Salmo Lewesiensis	Geol. Suss. t. 33, f. 12	Chalk	Lewes; Norwich.
Amia Lewesiensis	.. t. 37	..	Lewes.
Osteolepis macrolepidotus	G. T. 2 ser. iii. p. 144	Slate	Caithness, N. B.
microlepidotus	.. ..	..	Ibid.
Lepisosteus	Tilg. Foss. t. 5, f. 4	Tilgate Beds	Billinghurst, Sussex.
Esox Lewesiensis	Geol. Suss. t. 41, f. 1	Chalk	Lewes.
Dipterus brachyptypopterus	G. T. 2 ser. iii. t. 17, f. 1	Bituminous Schist	Caithness, N. B.
macropyopterus	.. t. 15, f. 1	..	Ibid.
Valenciennesii	.. t. 16, f. 1	..	Ibid.
macrolepidotus	.. .. f. 2	..	Ibid.

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Palæothrissum magnum</i> macrocephalum <i>elegans</i>	G. T. 2 ser. iii. t. 8, f. 1 .. t. 9, f. 2 .. f. 1	Marl Slate	Midderidge & Stock- Ibid. [ton. Ibid.; E. Thickley.
<i>Silurus</i> (fins)	Tilg. Foss. t. 10, f. 4	Tilgate Beds	Tilgate Forest, Suss.
<i>Muræna Lewesiensis</i>	Geol. Suss. t. 39, f. 11	Chalk	Lewes.
<i>Chondropterygii</i>			
<i>Squalus cornubicus</i>	Geol. Suss. t. 32, f. 1	Chalk	Norwich; Lewes.
<i>Mustelus</i>	.. f. 2, 3	..	Ibid.; Hamsey.
<i>zygæna</i>	.. f. 4, 7, 8	..	Lewes; Norwich.
<i>Galeus</i>	.. f. 12, 14	..	Ibid.; Hamsey.
<i>Phillipsii</i>	.. f. 22	..	Lewes; Norwich.
<i>Raia clavata</i>	Smith, f. 10 & 14	Crag	Thorpe; Southwold.
<i>Trygon</i>	Fleming, p. 170	London Clay	Highgate, Middles.
<i>Balistes?</i> (radius)	Geol. Suss. t. 33, f. 5	Chalk	Lewes.
REPTILIA			
Sauria			
<i>Pterodactylus macronyx</i>	G. T. 2 ser. iii. t. 27	Lias	Lyme Regis.
<i>Mosasaurus Hoffmannii</i>	Geol. Suss. t. 33	Chalk	Lewes. [field.
<i>Megalosaurus Bucklandi</i>	Tilg. Foss. t. 9, &c.	Tilgate Beds	Pounceford; Stones- Balderton, Notts.
<i>Ictyosaurus latifrons</i>	König. Icon. 250	Lias	Lyme Regis.
<i>communis</i>	Geol. T. 2 ser. i. t. 49	..	Ibid.
<i>Platyodon</i>	.. t. 15, 16	..	Ibid.
<i>tenuirostris</i>	.. ..	..	Ibid.
<i>intermedius</i>	.. t. 15, 17	..	Bath.
<i>coniformis</i>	Fleming, p. 154	..	Lyme Regis.
<i>Plesiosaurus dolichodeirus</i>	G. T. 2 ser. i. t. 48	..	Weymouth.
<i>recentior</i>	.. t. 18, 19	Kimmeridge Clay	Tilgate Forest.
<i>priscus</i>	.. ..	Tilgate Beds	Ibid.
<i>Iguanodon</i>	Tilg. Foss. t. 4, 10, 12	..	Ibid.
<i>Leptorhynchus</i>	.. t. 7, f. 5	..	Ibid.
<i>Crocodilus</i>	Geol. T. v. p. 591	Cornbrash	Gibraltar nr. Oxford
<i>priscus</i>	.. ..	Coral Rag	Weymouth.
	Tilg. Foss. t. 10, f. 5	Tilgate Beds	Tilgate Forest.
	Geol. T. ii. p. 194	London Clay	Isle of Sheppey.
Chelonia			
<i>Chelonia</i>	Park. Oryc. p. 303	Lias	Bristol.
<i>antiqua</i>	.. ..	Stonesfield Slate	Stonesfield, Oxon.
<i>Harvicensis</i>	König. Icon. 232	London Clay	Isle of Sheppey.
<i>Trionyx</i>	Org. Rem. iii. t. 18, f. 2 (vide. figure.)	..	Ibid.
	G. T. 2 ser. iii. pl. 16	Bituminous Schist	Harwich, Essex.
<i>Emys</i>	Tilg. Foss. t. 6 & 7	Tilgate Beds	Caithness, N. B.
	.. ..	..	Tilgate Forest.
			Ibid.
AVES			
<i>Anas sponsor</i>	Buckland, t. 11, f. 28	Diluvium	Kirkdale C. Yorksh.
<i>Corvus corax</i>	.. f. 19	..	Ibid.
<i>Alauda arvensis</i>	.. f. 24	..	Ibid.
<i>Perdix cinerea</i>	Phillips, p. 177	..	Ibid.
<i>Columba</i>	Buckland, t. 11, f. 26	..	Ibid.
MAMMALIA			
Cetacea			
<i>Balaena</i>	G. T. 2 ser. iii. p. 202	Diluvium	Brighton Cliff.
<i>Monodon monoceros?</i>	Park. Oryc. p. 275	London Clay	

CLASS, Family, Genus and Species.	Reference.	Strata.	Localities.
<i>Solipeda</i>			
<i>Equus cabellus</i>	Buckland, p. 18	Diluvium	Kirkdale; Hasboro.
<i>Ruminantia</i>			
<i>Bos Taurus</i>	Fleming, p. 24	Alluvium	Dilham Canal, Norf.
<i>Urus</i>	..	..	Walton, Essex.
<i>Cervus alces Hibernicus</i>	Org. Rem. iii. t. 20, f. 1	Diluvium	Hasborough, Norf.
<i>dama?</i>	Fleming, p. 26	..	Ibid.
<i>Antelope</i> ———	Phil. Tr. 1757, p. 112	..	Newbery, Berks.
<i>Pachydermata</i>			
<i>Mastodon</i> ———	Smith, t. 1	Crag	Whitlingham, Norf.
<i>latidens</i>	M. S. Geol. Norfolk	Diluvium	Horstead, ditto.
<i>Elephas primogenius</i>	Edin. Phil. J. 1827	..	Knole Sand, Norf.; Char-
<i>Asiaticus</i>	Org. Rem. iii. t. 20, f. 8	..	Hasborough. [mouth.
<i>Africanus</i>	.. f. 6	..	Ibid.
<i>Rhinoceros</i> ———	Buckland, t. 7, f. 3	..	Ib.; Kirkdale Cave; Lyme
<i>Hippopotamus</i> ———	.. t. 22, f. 5	..	Kirkdale; Hasboro.
<i>Sus</i> ———	Phil. Tr. 1757, p. 112	Alluvium	Newbery, Berks.
<i>Rodentia</i>			
<i>Mus musculus</i>	Buckland, t. 11, f. 7	Diluvium	Kirkdale Cave,
<i>decumanus</i>	.. f. 1	..	Ibid. [Yorksh.
<i>Lepus timidus</i>	.. t. 13, f. 8	..	Ibid.
<i>cuniculus</i>	.. t. 10	..	Ibid.
<i>Castor fiber</i>	Phil. Tr. 1757, p. 112	Alluvium	Newbery, Berks.
<i>Carnivora</i>			
<i>Ursus spelæus</i>	Buckland, p. 35	Diluvium	Kirkdale Cave.
<i>Vulpes vulgaris</i>	.. t. 6	..	Ibid.
<i>Mustela vulgaris</i>	.. ..	..	Ibid.
<i>Felis tigris</i>	.. t. 6, f. 5	..	Ibid.
<i>Canis lupus</i>	.. p. 18	..	Ibid.
<i>hyæna</i>	.. t. 4	..	Ibid.

NOTES,

&c.

Fossil Seed-vessels of various kinds from the London Clay, Isle of Sheppey, are figured and described by Dr. James Parsons, in the *Phil. Trans.* VOL. L. part i. p. 396, and by Parkinson in his *Organic Remains*, VOL. I. tab. 6 and 7.

Wood.—Remains of Dicotyledonous Plants are found in the Lias, and in all the super strata. Among those the most interesting to the collector, are—the Trunks of Trees found in the Oolite of the Isle of Portland—the specimens in the Green Sand of the Blackdown Pits, Devonshire—the Bovey Coal of Bovey Tracey, Devonshire, (*Org. Rem.* VOL. I. tab. 1, fig. 3)—and another kind found in the London Clay, generally perforated by *Fistulana personata*, (*Org. Rem.* VOL. I. tab. 9, fig. 9). Specimens from the last-named deposit are found on the Essex Coast; they are jet black, silicious, and retain the character of recent wood. (*Org. Rem.* VOL. I. tab. 2, fig. 6). The remains of the Submarine Forest of our Eastern Coast are found in the greatest perfection on the beach at Palling, in Norfolk; these are bouldered fragments strongly impregnated with the oxyde of iron, the pores and fibres remaining perfect.

Ætites, or Eagle Stones.—In the Diluvial Gravel of Norfolk, and other counties, are found spherical flints, about one inch in diameter, having a nucleus of Alcyonitic origin; this nucleus is sometimes loose, the pebble is then denominated an Eagle Stone.—*Org. Rem.* VOL. II. tab. 12, fig. 5.

St. Cuthbert's Beads.—Single joints of the vertebral column of the Encrinite (*Apiocrinites rotundus*) pass under this name.—Vide Scott's *Marmion*, Canto ii. stanza 16, and *Org. Rem.* VOL. II. tab. 13.

The Entrochal Limestone of Derbyshire has its name from portions of the same column being imbedded therein.—When the Entrochite is absorbed, the cast is denominated *Screw-stone*.

Star Stones.—Single joints of the Pentacrinal column are so called; they are particularly abundant in the Cliffs of Lyme and Charmouth, Dorsetshire.—*Org. Rem.* VOL. II. tab. 13.

Echinidæ.—Silicious casts of some of the Genera of this Order are exceedingly interesting; these principally occur in the flints of Diluvial Gravel, and are generally known by the name of Fairies' Stones. The Cidaris corollaris of Parkinson (*Org. Rem.* VOL. III. tab. 1, fig. 7,) is a flint cast of *Echinus saxatilis* (tab. 3, fig. 1).

Echinital Spines are confined to the two Genera, *Echinus* and *Cidaris*; those belonging to the first, being attached to the epidermis or external covering only, are small and acicular, and belong to *E. germinans* of the Bath Oolite and *E. Königii* of the Chalk. The spines of *Cidari* are attached to the papillæ by an internal muscle, and are of considerable size. *C. papillata* of the Coral Rag are clavate; they are the *Lapides Judaici* and *Petrified Olives* of the early writers. Muricated and Cucumerine spines are tolerably abundant in the Hard Chalk; they belong to a variety of *C. papillata*.

Insects.—Lhwyd, in his *Lythophylacii*, tab. 4, has figured four insects from the Coal Shale; these are copied by Parkinson, in his *Organic Remains*, VOL. III. tab. 17, fig. 3. Remains of Coleopterous Insects occur in the Stonesfield Slate, but I am not aware that any figures of them are published. Insects are sometimes found in the clear Amber of our Eastern Coast; they belong mostly to the order Diptera.

Pholas.—In the Mud Cliffs (as they are locally termed) of the Norfolk Coast, are found casts of the Cavities formed by the *Pholas*; one in the possession of the Rev. James Layton, of Catfield, is three inches long, and five inches in circumference; one side is broken away, by which the shell is discoverable, which appears to be allied to *P. crispatus*; this is the largest specimen I have seen.

Trigonia.—Casts of *Trigonia* abound in the Portland Oolite, to the great loss of the mason and waste of the stone; they are locally termed Horse-heads.—*Org. Rem.* VOL. III. tab 12, fig. 12.

Inoceramus.—Shells of fibrous texture, as *Inocerami* and *Belemnites*, have been subject to the perforations of minute insects and

worms; these perforations, when the shell has been imbedded in flint, are filled with silex; the flint having been removed by diluvial agency from its original situation in the Chalk, the shell has been absorbed, leaving the casts under notice, figures of which are engraved in *Organic Remains*, VOL. II. tab. 8, fig. 10, and tab. 12, fig. 3; *Geol. Trans.* VOL. II. tab. 12, and *Edinburgh Phil. Trans.* VOL. IX. tab. 25 and 26.

Terebratulae.—Very beautiful casts of the species common to the Chalk, (denominated *Hysterolites*, *Geol. Trans.* 2nd ser. VOL. I. p. 329), are found in the flints of the Diluvial Gravel; sometimes the cavities in the flints are lined with quartz crystals.

Belemnites.—Silicious casts of the alveolar cavity of *B. electrinus*, denominated *Callirhoe*, (Parkinson's *Oryctology*, p. 173), are of frequent occurrence in the flints of the Diluvial Gravel.—*Org. Rem.* VOL. III. tab. 8, fig. 15.

Orthocera.—The Chambers of these fossils are sometimes found detached, forming a meniscus, having the sides highly polished.

Ammonites.—Detached casts of the Chambers of these fossil Shells are named by Parkinson, *Spondylolites*.—*Organic Remains*, VOL. III. tab. 9, fig. 3.

Palatal Bones.—Those denominated *Bufonites*, belonged to Cartilagenous Fishes, of the Genus *Anarhichas*; they are of a dark brown or black colour, hemispherical, of a good polish, and are found in the Stonesfield Slate, Oolite, and Tilgate Beds. Figures of these are engraved in *Organic Remains*, VOL. III. tab. 19, figs. 6, 7, and 12; Smith's *Strata Identified*, Forest Marble Table, figs. 7 and 8; and Mantell's *Tilgate Fossils*, tab. 10, fig. 2.

The leach-formed Palates occur in the Lias Beds and Limestone of Wiltshire and Oxfordshire; vide *Organic Remains*, VOL. III. tab. 19, fig. 15; and Smith's *Strata Identified*, Forest Marble Table, fig. 10; at fig. 9, is shewn one of the rhomboidal Palates from the same Strata.

In the Chalk Stratum are three different kinds of Palates, probably belonging to as many species of *Diodon*; the finest kind occurs in the Kent Chalk; they are oblong, about two inches by one and a quarter, and of a pale clay colour, sulcated on the surface with six or eight sulci.—*Organic Remains*, VOL. III. tab. 19, fig. 18. The next kind are found in Sussex, they are elliptical, having nearly equal sides, and about one inch and a half over; the grinding surface is a pale clay

colour, while the margin is a dark brown; the sulci are eight or ten in number. The last kind are found in the hard Chalk of western Norfolk, and are much smaller than the preceding; they are the same colour as the first kind, but the sulci are twice as numerous, their form is nearly oval.—*Organic Remains*, VOL. III. tab. 18, fig. 12.

Squalus.—Teeth and Vertebræ of the Shark occur in the Hard Chalk of Sussex, Cambridge, and Norfolk; the Teeth are found in the Tilgate Beds, and in all the super strata; those from the Chalk are the most interesting to collectors; the London Clay specimens next. They are of frequent occurrence in the Essex Crag, as is also a triangular Tooth, about an inch long, belonging to a fish of the same genus.—*Organic Remains*, VOL. III. tab. 19, fig. 2.

Birds.—The bones of Birds described as occurring in the Stonesfield Slate, are now determined to belong to a species of *Pterodactylus*.—*Geol. Trans.* 2nd ser. VOL. III. p. 219.

Coprolites.—Dr. Buckland, in his researches, has discovered that the Bezoar stones of the Dorsetshire coast, and the Juli of the Hard Chalk, are petrified faecal substances; on this subject he has given a paper in the *Geol. Trans.* VOL. III. 2nd ser. p. 223, with numerous figures. Dr. B. designates those found with *Ichthyosauria* in the Lias, *Icthyo-sauro-coprus*, (tab. 29); those found with *Amia*, in the same beds, *Amia-coprus*; those in the Chalk of Cherry Hinton, Cambridgeshire, hitherto considered the Juli of the Larch, *Iulo-eido-coprus*, (*Org. Rem.* VOL. I. tab. 6, figs. 15 and 17.); and the faecal matter of the *Hyæna*, from the Kirkdale Cave, *Hyæno-coprus*, (*Reliquiæ Diluviana*, tab. 10, fig. 6).

Chelonia Harvicensis.—The Fossil Turtle, a lithograph of which I made to place at the head of this work, was presented to The Norfolk and Norwich Museum, by the Rev. J. H. Bloom, of Wells, now of Eaton Villa, near Norwich. It was dredged up in 1827, on the “Stone Ridge,” four miles out at sea from Harwich harbour, and is considered the finest specimen this country has produced. It was imbedded in a cement stone (belonging to the London Clay stratum), of a compressed ovate form, which on breaking up the fossil was discovered; the part figured is, as represented, uninjured, but the upper part, containing the Carapace, is broken into several fragments. It is said to have weighed, when perfect, one hundred and eighty pounds, and it measures eighteen inches by twenty-two.

The figures which Cuvier has given in his *Ossemens Fossils*, VOL. V. tab. 13, figs. 2 and 3, as the *Chélonée de Maestricht*, precisely agree with this specimen; the shield-formed part in the figure represents the extent of the testaceous covering of which it is the cast; the shell, as before stated, is attached to the other part, and is from one-eighth to one-fourth of an inch thick. The fragments seen forming a band around it near the edge of the stone, are the remains of the border of the Carapace, the intermediate space being (according to Cuvier) covered with a cartalaginous substance, which was converted into shell as the animal advanced in age. The spine is imbedded in the substance of the stone, and along the central line are seen the processes of attachment to the Carapace, and on each side of these are the broken ends of the ribs, which were sixteen in number.

Mastodon.—Some doubts have been entertained if Remains of this animal existed with us; it appears, however, that the fine Grinder, figured in Tab. 1, Smith's *Strata Identified*, belonged to that animal; it was found in the Crag Stratum at Whitlingham, near Norwich. A young Tooth was found in 1824, at Horstead, in the same county, precisely like one brought from Ava, by Capt. Crawfurd, and named by Professor Buckland, *Mastodon latidens*. (*Geol. Trans.* VOL. II. 2nd ser. tab. 37, fig. 4). I have a fragment in my collection, which I took out of the Crag at Bramerton.

Elephas.—The finest deposit of these Remains is on the Oyster Bank off Hasborough, on the Norfolk Coast; many hundred Grinders have been taken up from this locality, and bones without number. The Rev. James Layton, of Catfield, has the largest collection from this interesting deposit; among which, is a Tusk of the Mammoth, (*E. primogenius*), found on the Knole Sand, on the same coast, in 1826, which weighs ninety-six pounds, and measures nine feet and a half on the outside of the curvature.

Of the alterations which have been made in the nomenclature of Fossils, the following appear to be the most prominent:—

Osmunda gigantea of *Martius*, is *Nevropteris flexuosa* of *Brongniart*.
Pecopteris reticulata of *Tilg. Foss.* t. 3, f. 5, is *Lonchopteris Mantelli* of ditto.
Mantellia nidiformis of *Brong. Prod.*, is *Cycadeoidea megalophylla* of *Buckland*.
Tortoise encrinite of *Org. Rem.* ii. t. 13, f. 24, is *Marsupites Ornatus* of *Miller*,
and *Marsupites Milleri* of *Mantell*.

Dudley fossil of *Parkinson*, is *Calymena Blumenbachii* of *Brongniart*.

Teredo antenauta of *Sow. Min. Con.* t. 102, is *Fistulana personata* of *Sowerby*.

Nucula lanceolata of *Sow. Min. Con.* t. 180, is *N. oblonga* of *Sowerby's Genera*.
Calyptreæ Sinensis of *Org. Rem.* iii. t. 5, f. 10, is *Infundibulum rectum* of *Sowerby*.

Vivipara fluviorum of *Sow. Min. Con.* t. 31, is *Paludina vivipara* of Authors.

Eburna glabrata of *Org. Rem.* iii. t. 5, f. 25, is *Buccinum Dalei* of *Sowerby*.

Belemnites coniformis of *Org. Rem.* iii. t. 8, f. 15, is *B. abbreviatus* of *Miller*.

Belemnites mucronatus of *Sow. M. C.* t. 600, is *Belemnites electrinus* of ditto.

Nautilites hiuleus of *Martin*, is *Bellerophon hiuleus* of *Sowerby*.

Ammonites Luidii of *Martin*, is *Nautilus Luidii* of *Fleming*.

Ammonites modiolaris of *Smith*, is *Ammonites sublaevis* of *Sowerby*.

Since the publication of the "Geology of the Yorkshire Coast," Mr. Phillips has discovered that the following Fossil Plants named in that work, have been otherwise named by M. Brongniart, in his "Prodrome, &c."—I have thought proper to retain both, until the appropriate nomenclature is determined by these gentlemen.

PHILLIPS.	BRONGNIART.
<i>Sphenopteris stipata</i>	<i>Sphenopteris hymenophylloïdes</i>
— <i>lanceolata</i>	<i>Pachypteris lanceolata</i>
<i>Pecopteris crenifolia</i>	<i>Pecopteris polypodioides</i>
— <i>hastata</i>	— <i>Whitbiensis</i>
— <i>ligata</i>	— <i>denticulata</i>
<i>Aspleniopteris Nilsoni?</i>	<i>Tæniopteris latifolia</i>
<i>Lycopodites uncifolius</i>	<i>Lycopodites Williamsonis</i>
<i>Cycadites latifolius</i>	<i>Zamia Youngii</i>
— <i>gramineus</i>	— <i>elegans</i>
— <i>lanceolatus</i>	— <i>Mantelli</i>
— <i>pectenoides</i>	— <i>pennæformis</i>
— <i>sulcicaulis</i>	<i>Zamia longifolia</i> .
— <i>comptus</i>	<i>Pterophyllum Williamsonis</i>

The Genus *Bellerophon* is placed in the Family *Columellaria*, by the advice of Dr. Fleming, it having been determined that it is not a chambered univalve.

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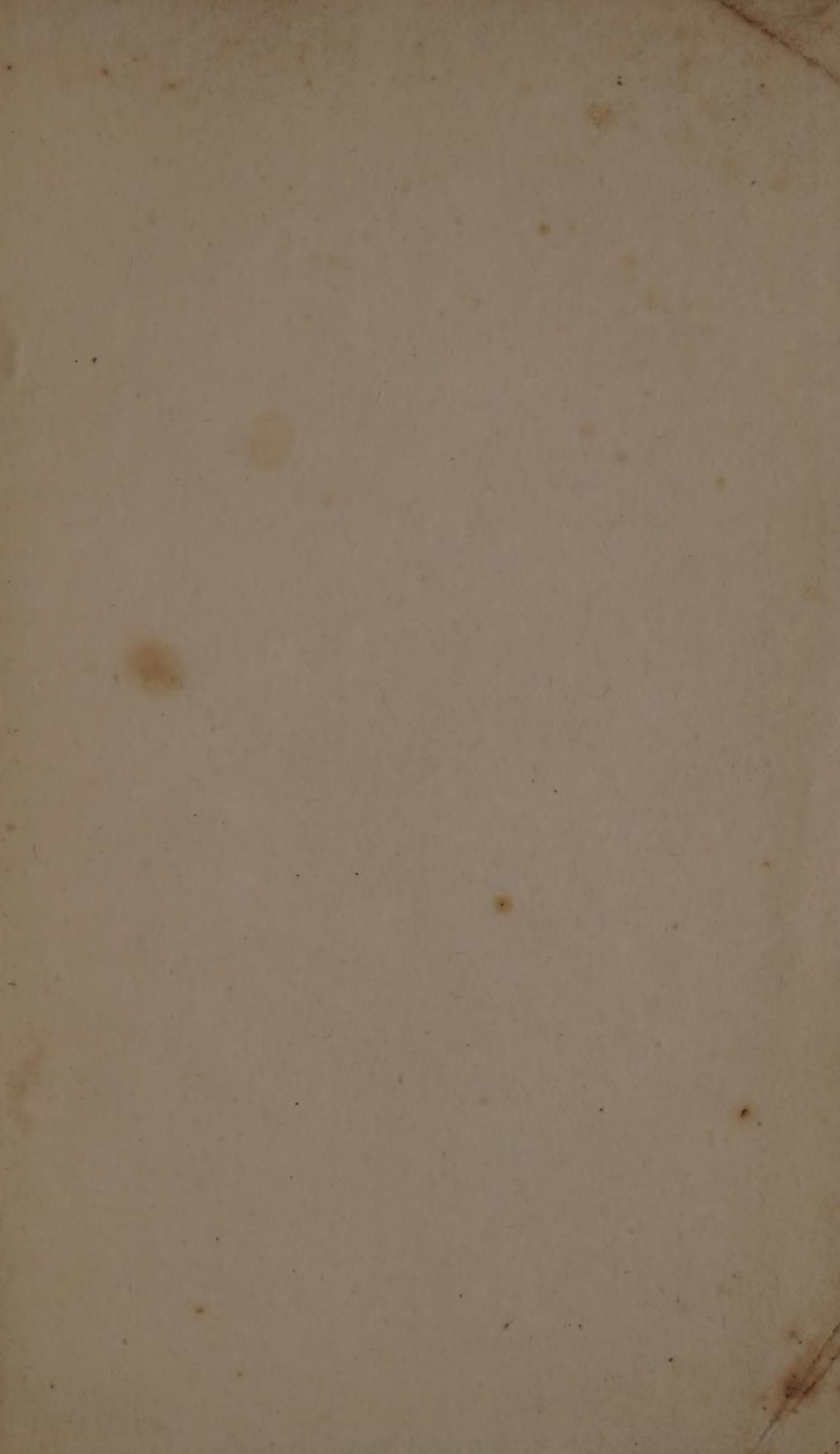
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